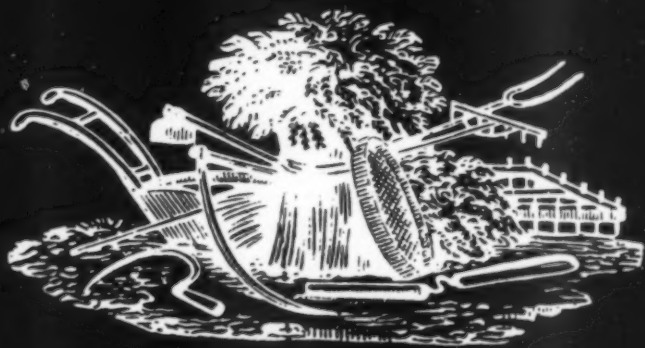
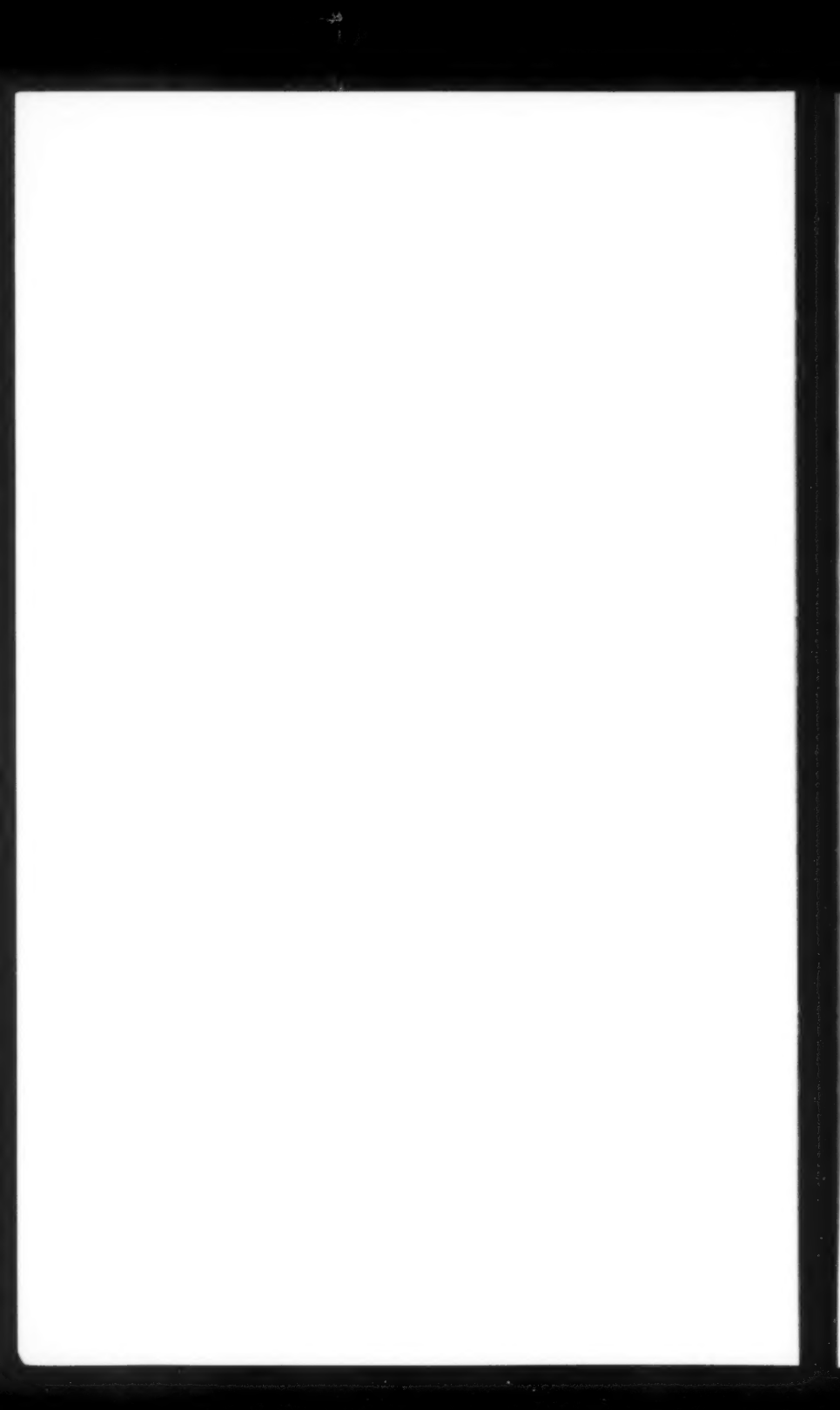


AGRICULTURAL STATISTICS 1987



United States Department of Agriculture



UNITED STATES
DEPARTMENT OF AGRICULTURE

**AGRICULTURAL
STATISTICS
1987**



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Introduction

Agricultural Statistics is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1972 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

WEIGHTS, MEASURES, AND CONVERSION FACTORS
 (See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Alfalfa seed	Bushel	60	27.2	Celery	Crate ¹¹	60	27.2
	do.	48	21.8	Cherries	Lug (Campbell) ¹²	16	7.3
Apples	Northwest box ²	44	20.0		Lug	20	9.1
	Fiberboard box, cell pack			Clover seed	Bushel	60	27.2
		37-44	16.8-20.0	Corn:			
Apricots	Lug (brentwood) ³	24	10.9	Ear, husked	Bushel	¹³ 70	31.8
Western	4-basket crate ⁴	26	11.8	Shelled	do.	56	25.4
Artichokes:				Meal	do.	50	22.7
Globe	1/2-box	20	9.1	Oil	Gallon	¹⁰ 7.7	3.5
Jerusalem	Bushel	50	22.7	Sirup	do.	11.72	5.3
Asparagus	Crate	30	13.6	Sweet	Mesh or paper lug	45-50	20.4-22.7
Avocados	Lug ⁵	12-15	5.4-6.8		Wirebound crate	40-60	18.1-27.2
Bananas	Fiber folding box ⁶	40	18.1	Cotton	Bale, gross	¹⁴ 500	227
Barley	Bushel	43	21.8		Bale, net	¹⁴ 480	218
Beans:				Cottonseed	Bushel	¹⁵ 32	14.5
Lima, dry	do.	56	25.4	Cottonseed oil	Gallon	¹⁰ 7.7	3.5
Other, dry	do.	60	27.2	Cowpeas	Bushel	60	27.2
	Sack	100	45.4	Cranberries	Barrel	100	45.4
Lima, unshelled	Bushel	28-32	12.7-14.5		1/2-bbl. box ¹⁶	25	11.3
Snap	do.	28-32	12.7-14.5	Cream, 40-percent butterfat	Gallon	8.38	3.80
Beets	do.	50	22.7	Cucumbers	Bushel	48	21.8
Without tops				Dewberries	24-qt. crate	36	16.3
Bunched	Wirebound crate	45	20.4	Eggplant	Bushel	33	15.0
Berries frozen pack:				Eggs, average size	Case, 30 dozen	47.0	21.3
Without sugar	50-gal. barrel	380	172	Escarole	Bushel	25	11.3
3 + 1 pack	do.	425	193	Figs, fresh	Box single layer ¹⁷	6	2.7
2 + 1 pack	do.	450	204	Flaxseed	Bushel	56	25.4
Blackberries	24-qt. crate	36	16.3	Flour, various	Bag	100	45.4
Bluegrass seed	Bushel	14-30	6.4-13.6	Grapefruit:			
Broccoli	Wirebound crate	20-25	9.1-11.3	Florida and Texas	1/2-box mesh bag	40	18.1
Broomcorn (6 bales per ton)	Bale	333	151	Florida	1 1/2 bu. box	85	38.6
Broomcorn seed	Bushel	44-50	20.0-22.7	Texas	1 1/2 bu. box	80	36.3
Brussels sprouts	Drums	25	11.3	California			
Buckwheat	Bushel	48	21.8	Desert			
Butter	Box	64	29.0	Valleys and Arizona	Box ¹⁸	¹⁹ 64	29.0
	Open mesh bag	50	22.7		Carton ²⁰	32	14.5
Cabbage	Wirebound crate ⁷	50	22.7	California other than Desert			
	Western crate ⁸	80	36.3	Valleys	Box ¹⁹	67	30.4
Cantaloups	Jumbo crate ⁹	83	37.6		Carton ²⁰	33 1/2	15.2
Carrots:				Grapes:			
Without tops	Bushel	50	22.7	Eastern	4-qt. climax basket	6	2.7
	Open mesh bag	50	22.7		12-qt. basket	18-20	8.2-9.1
Castor beans	Bushel	41	18.6		Lug ²¹	28	12.7
Castor oil	Gallon	¹⁰ 8	3.6	Western	4-basket crate ²²	20	9.1
	W.G.A. crate	50-60	22.7-27.2	Hempseed	Bushel	44	20.0
	Fiberboard box			Hickory nuts	do.	50	22.7
Cauliflower	wrapper leaves removed			Honey	Gallon	11.84	5.4
	film-wrapped, 2 layers	23-35	10.4-15.9	Honeydew melons	Jumbo crate ²³	44	20.0
				Hops	Bale, gross	200	90.7

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Horseradish roots	{ Bushel..... Barrel.....	35 100	15.9 45.4	Pears:			
Hungarian millet seed	Bushel.....	48 and 50	21.8-22.7	California.....	Bushel.....	48	21.8
Kale.....do.....	do.....	18	8.2	Other.....do.....	do.....	50	22.7
Kapok seed.....do.....	do.....	35-40	15.9-18.1	Western.....Box ²⁷	Box ²⁷	46	20.9
Lard.....Tierce.....	Tierce.....	375	170	Pear:			
Lemons:				Green, unshelled.....	Bushel.....	28-30	12.7-13.6
California and Arizona	{ Box ²⁴ Carton ²⁰	19 76 38	34.5 17.2	Dry.....do.....	do.....	60	27.2
Lentils.....	Bushel.....	60	27.2	.....do.....	do.....	25-30	11.3-13.6
Lettuce.....	Fiberboard box, carton.....	38-55	17.2-24.9	Peppers, green.....	{ Fiberboard carton..... Bushel.....	30-34 37-40	13.6-15.4 16.8-18.1
Lettuce, hot-house	24-qt. basket.....	10	4.5	.....Crate ²⁸	Crate ²⁸	70	31.8
Limes (Florida).....	Box.....	80	36.3	Pineapples.....			
Linseed oil.....	Gallon.....	10 7.7	3.5	Prunes:			
Malt.....	Gallon.....	34	15.4	California.....	4-basket crate ²⁹	28-34	12.7-15.4
Maple syrup.....	Gallon.....	11.02	5.00	Other.....	1/2-bu. basket.....	28	12.7
Meadow fescue seed.....	Bushel.....	24	10.9	Popcorn:			
Milk.....	Gallon.....	8.6	3.90	On ear.....	Bushel.....	12 70	31.8
Millet.....	Bushel.....	48-60	21.8-22.7	Shelled.....do.....	do.....	56	25.4
Molasses, edible.....	Gallon.....	11.74	5.3	Poppy seed.....do.....	do.....	46	20.9
.....do.....	do.....	11.74	5.3	.....do.....	do.....	60	27.2
Mustard seed.....	Bushel.....	58-60	26.3-27.2	Potatoes.....	{ Bushel..... Barrel.....	165 165	74.8 74.8
Oats.....do.....	do.....	32	14.5	.....Bag.....	do.....	50	22.7
Olives.....Lug ²¹	Lug ²¹	25-30	11.3-13.6	.....do.....	do.....	100	45.4
Olive oil.....	Gallon.....	10 7.6	3.5	Quinces.....	Bushel.....	48	21.8
Onions, dry.....	Sack.....	50	22.7	Rapeseed.....do.....	do.....	50 and 60	22.7-27.2
Onions, green.....				Raspberries.....	24-qt. crate.....	36	16.3
Onions, bunched.....	Crate.....	60-65	27.2-29.5	Redtop seed.....	Bushel.....	50 and 60	22.7-27.2
Onion sets.....	Bushel.....	28-32	12.7-14.5	Refiners' syrup.....	Gallon.....	11.45	5.2
Oranges:				Rice:			
Florida and Texas	{ 1/2-box mesh bag..... Box ¹⁸	45 90	20.4 40.8	Rough.....	{ Bushel..... Bag.....	45 100	20.4 45.4
California and Arizona	{ Box ¹⁸ Carton ²⁰	10 75 37 1/2	34.0 17.0	Milled.....	Pocket or bag.....	162	73.5
Orchardgrass seed.....	Bushel.....	14	6.4	Rosin.....	Drum, net.....	520	236
Palm oil.....	Gallon.....	10 7.7	3.5	Rutabagas.....	Bushel.....	56	25.4
Parasips.....	Bushel.....	50	22.7	Rye.....do.....	do.....	56	25.4
.....do.....	do.....	48	21.8	Seam seed.....do.....	do.....	46	20.9
Peaches.....	{ California fruit box..... Gallon.....	20 10 7.7	9.1 3.5	Shallots.....	{ Crate (4-7 doz. bunches).....	20-35	9.1-15.9
Peanut oil.....				Sorgo:			
Peanuts, unshelled:				Seed.....	Bushel.....	50	22.7
Virginia type.....	Bushel.....	17	7.7	Syrup.....	Gallon.....	11.55	5.2
Runners, Southeastern.....do.....	do.....	21	9.5	Sorghum grain ³⁰	Bushel.....	56	25.4
Spanish: Southeastern.....do.....	do.....	25	11.3	.....do.....	do.....	60	27.2
Southwestern.....do.....	do.....	25	11.3	Soybeans.....	Gallon.....	10 7.7	3.5
				.....do.....	do.....	40	18.1
				Spelt.....	do.....	18-20	8.2-9.1
				Spinach.....	{ 24-qt. crate..... 12-pt. crate.....	36 9-11	16.3 4.1-5.0
				Strawberries.....	Bushel.....	40	18.1
				Sudangrass seed.....			
				Sugarcane:			
				Syrup (sulfured or unsulfured).....	Gallon.....	11.45	5.2
				Sunflower seed.....	Bushel.....	24 and 32	10.9-14.5
				Sweetpotatoes.....	{ do..... Crate.....	31 55 50	24.9 22.7
				Tangerines, Florida.....	1/2-bu. box.....	47 1/2	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Timothy seed	Bushel	45	20.4	Tung oil	Gallon	10 7.8	3.5
Tobacco:				Turnips:			
Maryland	Hogshead	775	352	Without tops	Mesh sack	50	22.7
Flue-cured	do	950	431	Bunched	Crate *	70-80	31.8-36.3
Burley	do	975	442	Turpentine	Gallon	7.23	3.3
Dark air-cured	do	1,150	522	Velvetbeans (hulled)	Bushel	60	27.2
Virginia fire-cured	do	1,350	612	Vetch	do	60	27.2
Kentucky and Tennessee fire-cured	do	1,500	680	Walnuts	do	50	22.7
Cigar-leaf	{ Case	250-365	113-166	Water 60° F	Gallon	8.33	3.8
	{ Bale	150-175	68.0-79.4	Watermelons	Melons of average or medium size	25	11.3
	{ Crate	60	27.2		Bushel	60	27.2
Tomatoes	{ Lug box **	32	14.5	Wheat	Short ton	2,000	907
	{ 2-layer flat	21	9.5	Various commodities	{ Long ton	2,240	1,016
Tomatoes, hothouse	12-qt. basket	20	9.1		{ Metric ton	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms	0.45359237
Metric tons	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.4047 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectares
- 1 Gallon = 3.7853 liters

CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound chops.....	5 pounds fresh
Do.....	1 case canned ²²	1.4 bushels fresh
Applesauce.....	do ²²	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned ²²	0.008 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-63 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-63 average)
Cane syrup.....	1 gallon.....	5 pounds sugar
Cherries, tart.....	1 case canned ²²	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned ²²	0.030 ton fresh
Cornmeal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.28 pounds seed cotton, including trash ²⁴
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.6 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.8 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream ²⁵	1 gallon.....	15 pounds milk
Ice cream ²⁵ (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	39.5 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice ²³	0.64 box fresh fruit
Hogs.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple syrup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.55 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolias.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice ²²	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
Peaches, clingstone.....	1 case canned ²²	1 bushel fresh
Do.....	do.....	0.0230 ton fresh
Peanuts.....	1 pound shelled.....	1½ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned ²²	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Pean, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	case canned ¹⁹	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unhulled rice
Rye flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 436, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned ²⁰	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.90 bushels wheat ²¹
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pounds scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

¹ Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

² Approximate inside dimensions, 10½ by 11½ by 18 inches.

³ Approximate inside dimensions, 4½ by 12½ by 16½ inches.

⁴ Approximate inside dimensions, 4½ by 16 by 16½ inches.

⁵ Approximate dimensions, 4½ by 13½ by 16½ inches.

⁶ Approximate inside dimensions, 13 by 12 by 32 inches.

⁷ Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.

⁸ Approximate inside dimensions, 13 by 18 by 21½ inches.

⁹ Approximate inside dimensions, 13 by 13 by 22½ inches.

¹⁰ This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

¹¹ Approximate inside dimensions, 9½ by 16 by 20 inches.

¹² Approximate inside dimensions, 4½ by 11½ by 14 inches.

¹³ The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

¹⁴ For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

¹⁵ This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

¹⁶ Approximate inside dimensions, 9½ by 10½ by 15 inches.

¹⁷ Approximate inside dimensions, 1½ by 11 by 16½ inches.

¹⁸ Approximate inside dimensions, 11½ by 11½ by 24 inches.

¹⁹ In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the other ½-box carton as the container used.

²⁰ Approximate inside dimensions, 10½ by 10½ by 16½ inches for oranges or lemons, and 9½ by 10½ by 16½ inches for grapefruit.

²¹ Approximate inside dimensions, 5½ by 13½ by 16½ inches.

²² Approximate inside dimensions, 4½ by 16 by 16½ inches.

²³ Approximate inside dimensions, 7½ by 16 by 21½ inches.

²⁴ Approximate inside dimensions, 9½ by 13 by 25 inches.

²⁵ Approximate inside dimensions, 12 by 12 by 24 inches.

²⁶ Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

²⁷ Approximate inside dimensions, 8½ by 11½ by 18 inches.

²⁸ Approximate inside dimensions, 12 by 10½ by 33 inches.

²⁹ Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

³⁰ Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

³¹ This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

³² Case of 24 No. 2½ cans.

³³ Case of 24 No. 303 cans.

³⁴ Varies widely by method of harvesting.

³⁵ The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

³⁶ This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushel; 1880-1908, 4.75 bushels; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.51 bushels; and Nov. 1946-June 1957, 4.57 bushels.



CHAPTER I

STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

Table 1.—Total grain: Supply and disappearance, United States, 1972-86

Year ¹	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons
1972.....	73.9	228.1	0.4	302.4	181.4	72.6	254.2	48.2
1973.....	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.6
1974.....	31.6	204.4	.6	236.6	142.3	66.7	209.0	27.6
1975.....	33.4	249.1	.5	283.0	155.5	83.7	239.2	43.8
1976.....	43.8	258.1	.4	302.3	154.3	78.9	233.2	69.1
1977.....	69.1	265.9	.4	335.4	162.2	89.5	251.7	83.7
1978.....	83.6	276.2	.4	360.2	180.4	95.4	275.8	84.4
1979.....	84.5	302.6	.3	387.4	185.4	112.2	297.6	89.8
1980.....	89.8	289.7	.4	359.9	172.0	116.0	288.0	71.9
1981.....	71.9	330.8	.4	403.1	179.4	111.8	291.2	111.9
1982.....	111.8	332.9	.6	445.3	195.0	97.2	292.2	153.1
1983.....	153.1	207.5	.8	361.4	182.6	98.7	281.3	80.1
1984.....	80.1	314.6	1.0	395.7	197.8	98.2	296.0	99.7
1985.....	99.7	347.0	1.4	448.1	201.6	64.2	265.8	182.3
1986 ²	182.2	315.8	1.0	499.0	210.6	78.4	289.0	219.0

¹ Year beginning Sept. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

² Negligible.

³ Preliminary.

Totals may not add due to independent rounding.

Economic Research Service.

Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers ³	Value of production ²
	Planted ¹	Harvested			For seed	Feed to live-stock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973.....	59,254	54,148	31.8	1,710,787	48,449	28,060	1,634,278	3.95	6,744,831
1974.....	71,044	65,368	27.3	1,781,918	87,534		1,694,384	4.09	7,287,261
1975.....	74,900	69,499	30.6	2,126,927	94,844		2,032,083	3.55	7,549,829
1976.....	80,395	70,927	30.3	2,148,780	104,755		2,044,025	2.73	5,867,836
1977.....	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978.....	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979.....	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.78	8,070,378
1980.....	80,785	71,125	33.5	2,380,934	(*)	(*)	(*)	3.91	9,302,831
1981.....	88,251	80,642	34.5	2,785,357	(*)	(*)	(*)	3.66	10,172,242
1982.....	86,232	77,937	35.5	2,764,967	(*)	(*)	(*)	3.55	9,813,015
1983.....	76,419	61,390	39.4	2,419,824	(*)	(*)	(*)	3.53	8,532,790
1984.....	79,213	66,928	38.8	2,594,777	(*)	(*)	(*)	3.38	8,755,033
1985.....	75,575	64,734	37.5	2,425,105	(*)	(*)	(*)	3.15	7,647,801
1986 ²	72,033	60,688	34.4	2,086,780	(*)	(*)	(*)	2.34	4,861,364

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers ²	Value of production ³
	Planted ¹	Harvested				
Winter wheat						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973.....	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974.....	52,023	46,778	29.4	1,375,526	3.90	5,370,469
1975.....	55,954	51,376	32.0	1,642,900	3.37	5,540,438
1976.....	57,822	49,578	31.5	1,564,118	2.73	4,264,242
1977.....	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978.....	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979.....	51,787	43,427	36.9	1,601,234	3.79	6,075,553
1980.....	57,771	51,635	36.8	1,902,011	3.83	7,286,006
1981.....	65,547	58,476	35.9	2,097,067	3.65	7,643,158
1982.....	65,516	57,633	36.0	2,073,560	3.50	7,248,918
1983.....	62,105	47,584	41.8	1,988,304	3.48	6,910,125
1984.....	63,419	51,513	40.0	2,060,266	3.33	6,861,900
1985.....	57,752	47,953	38.1	1,827,615	3.10	5,667,185
1986 ³	53,930	43,170	35.2	1,519,143	2.27	3,483,438
Durum wheat ⁴						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	2,592	2,550	28.6	72,912	1.93	141,040
1973.....	2,952	2,884	27.2	78,455	6.16	483,062
1974.....	4,174	4,099	19.8	81,245	5.96	484,041
1975.....	4,830	4,680	26.4	123,362	4.66	575,025
1976.....	4,748	4,584	29.4	134,914	2.96	398,856
1977.....	3,183	3,025	26.4	79,964	2.69	215,413
1978.....	4,110	4,024	33.1	133,328	2.93	390,608
1979.....	4,042	3,932	27.1	106,654	4.35	463,847
1980.....	5,525	4,840	22.4	108,395	5.07	549,261
1981.....	5,776	5,655	32.4	183,040	3.72	681,633
1982.....	4,294	4,177	34.9	145,863	3.66	534,156
1983.....	2,565	2,492	29.3	72,979	4.01	292,418
1984.....	3,277	3,219	32.1	103,439	3.76	389,420
1985.....	3,207	3,094	36.4	112,510	3.27	368,017
1986 ³	2,994	2,877	33.2	95,407	2.52	240,174
Other spring wheat ⁵						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	10,138	9,894	29.0	286,799	1.89	542,830
1973.....	12,801	12,517	28.3	354,112	4.28	1,516,105
1974.....	14,847	14,491	22.4	325,147	4.41	1,432,751
1975.....	14,116	13,443	26.8	360,665	3.98	1,434,366
1976.....	17,825	16,765	26.8	449,748	2.68	1,204,738
1977.....	15,758	14,889	28.6	425,144	2.45	1,042,366
1978.....	14,330	13,980	30.0	419,750	2.89	1,212,851
1979.....	15,595	15,095	28.2	426,172	3.59	1,530,978
1980.....	17,492	14,650	25.3	370,528	3.96	1,467,565
1981.....	16,928	16,511	30.6	505,260	3.66	1,847,451
1982.....	16,426	16,127	33.8	545,444	3.72	2,029,941
1983.....	11,749	11,314	31.7	358,541	3.71	1,330,247
1984.....	12,517	12,196	35.3	431,072	3.49	1,503,713
1985.....	14,616	13,687	35.4	484,980	3.32	1,612,599
1986 ³	15,109	14,641	32.3	472,230	2.45	1,137,752

¹ Seeded in preceding fall for winter wheat.² Obtained by weighting State prices by quantity sold. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Preliminary.⁴ Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona.⁵ Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4. National Agricultural Statistics Service.

Table 4.—Wheat: Stocks on and off farms, United States, 1972-86

Year beginning October	On farms				Off farms ^a			
	Oct. 1	Jan. 1	Apr. 1	June 1 ¹	Oct. 1	Jan. 1	Apr. 1	June 1 ¹
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	730,210	510,202	316,063	153,923	1,140,699	888,801	611,253	304,578
1973.....	666,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974.....	680,469	446,289	271,106	132,734	861,665	661,171	387,982	194,255
1975.....	756,905	548,600	343,212	225,961	1,129,044	838,028	594,151	429,768
1976.....	835,437	667,210	512,360	527,337	1,354,948	1,116,376	878,534	685,912
1977.....	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978.....	1,029,682	814,400	638,254	484,322	1,104,169	816,364	596,172	439,777
1979.....	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,496
1980.....	975,946	753,950	539,077	414,894	1,497,550	1,150,253	790,059	574,719
1981.....	1,197,704	948,675	742,573	576,196	1,629,800	1,223,397	809,041	583,168
1982.....	1,402,252	1,150,534	870,322	668,938	1,967,214	1,355,646	991,165	846,125
1983.....	1,235,870	1,015,409	771,212	591,550	1,719,317	1,310,964	986,924	806,996
1984.....	1,217,308	930,281	713,437	582,077	1,522,679	1,210,750	953,694	843,163
1985.....	1,248,482	1,011,303	790,432	681,000	1,724,011	1,514,964	1,330,641	1,223,901
Year beginning September	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1986 ^a	1,293,000	1,063,000	794,000	560,000	1,861,559	1,608,458	455,841	1,254,815
Durum wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	92,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973.....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974.....	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975.....	87,406	65,412	53,053	38,906	27,657	20,528	18,065	14,550
1976.....	110,544	94,999	79,347	70,643	39,571	32,631	28,896	21,120
1977.....	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978.....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979.....	122,621	87,384	64,486	48,669	30,070	19,776	21,327	12,942
1980.....	88,456	73,990	59,974	45,183	34,406	29,448	23,282	14,735
1981.....	144,837	119,151	103,717	88,819	41,688	31,034	26,947	17,145
1982.....	174,464	153,683	128,388	111,059	40,947	33,256	34,039	24,898
1983.....	112,649	97,776	86,007	71,554	46,392	35,267	34,245	27,125
1984.....	125,005	95,033	81,819	69,225	51,571	37,212	33,007	30,581
1985.....	127,722	111,608	89,192	78,929	44,124	38,441	46,678	42,355
Year beginning September	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1986 ^a	124,800	96,910	72,670	49,305	32,874	37,558	56,618	45,311

¹ Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.^a Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.^b Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 2

¹ Includes area seeded in preceding fall for winter wheat.² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Beginning 1974, not estimated separately.⁴ Estimates discontinued.⁵ Preliminary.

National Agricultural Statistics Service.

Table 5.—Wheat: Supply and disappearance, United States, 1972-86

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Begin- ning stocks	Produc- tion	Im- ports ¹	Total	Domestic use				Ex- ports ²	Total disap- pearance	
					Food	Seed	Feed ³	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1972.....	983	1,546	1	2,530	532	67	300	799	1,135	1,934	597
1973.....	* 397	1,711	3	2,311	544	84	126	754	1,217	1,971	340
1974.....	340	1,782	3	2,125	545	92	85	672	1,018	1,690	435
1975.....	435	2,127	2	2,564	589	99	38	726	1,173	1,899	666
1976.....	666	2,149	2	2,817	588	92	74	754	960	1,704	1,113
1977.....	1,113	2,046	2	3,161	586	80	198	850	1,124	1,963	1,178
1978.....	1,178	1,776	2	2,955	592	87	158	837	1,194	2,031	924
1979.....	924	2,134	2	3,060	596	101	86	783	1,375	2,158	902
1980.....	902	2,381	3	3,285	611	113	59	783	1,514	2,296	989
1981.....	989	2,785	3	3,777	602	110	135	847	1,771	2,618	1,150
1982.....	1,150	2,765	3	3,932	616	97	195	908	1,509	2,417	1,515
1983.....	1,515	2,420	4	3,939	642	100	369	1,111	1,429	2,540	1,399
1984.....	1,399	2,595	9	4,003	651	98	405	1,154	1,424	2,578	1,425
1985.....	1,425	2,425	15	3,865	678	93	274	1,045	915	1,960	1,905
1986 ⁴	1,905	2,087	21	4,013	700	84	411	1,195	1,003	2,198	1,815

¹ Imports and exports include flour and other products expressed in wheat equivalent. ² Residual, approximates feed use and includes negligible quantities used for distilled spirits. ³ Excludes an abnormally large volume of grain in transit. ⁴ Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1982-85¹

Item	Year beginning June				Item	Year beginning June			
	1982	1983	1984	1985 ²		1982	1983	1984	1985 ²
	Million bushels	Million bushels	Million bushels	Million bushels		Million bushels	Million bushels	Million bushels	Million bushels
All wheat:					Hard red spring:				
Stocks, June 1	1,159	1,515	1,399	1,425	Stocks, June 1	346	408	314	371
Production	2,765	2,420	2,595	2,425	Production	492	323	409	460
Supply ³	3,932	3,939	4,003	3,965	Supply ³	842	723	725	838
Exports ⁴	1,509	1,429	1,424	915	Exports ⁴	239	221	183	166
Domestic disappearance	908	1,111	1,154	1,045	Domestic disappearance	195	197	171	174
Stocks, May 31	1,515	1,399	1,425	1,905	Stocks, May 31	406	314	371	498
Hard red winter:					Durum:				
Stocks, June 1	583	754	745	717	Stocks, June 1	106	136	99	100
Production	1,243	1,198	1,251	1,230	Production	146	73	103	113
Supply	1,781	1,952	1,996	1,947	Supply ³	256	212	207	218
Exports ⁴	679	704	717	395	Exports ⁴	59	62	61	53
Domestic disappearance	345	503	562	543	Domestic disappearance	61	51	46	44
Stocks, May 31	754	745	717	1,009	Stocks, May 31	136	99	100	121
Soft red winter:					White:				
Stocks, June 1	60	74	74	64	Stocks, June 1	109	143	167	173
Production	590	504	531	368	Production	294	322	301	254
Supply	650	578	605	432	Supply ³	403	465	470	430
Exports ⁴	325	222	253	149	Exports ⁴	207	220	210	152
Domestic disappearance	251	282	288	204	Domestic disappearance	53	78	87	80
Stocks, May 31	74	74	64	79	Stocks, May 31	143	167	173	198

¹ Data except production are approximations. ² Preliminary. ³ Total supply includes imports. ⁴ Imports and exports include flour and products in wheat equivalent.

Economic Research Service.

WHEAT

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Table 7.—Wheat: Area, yield, and production, by States, 1984-86

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	480	500	340	380	460	220	39.0	32.0	26.0	14,820	12,800	5,720
AZ.....	145	114	96	142	112	96	30.0	27.5	20.5	12,780	9,904	8,683
AR.....	1,500	850	850	1,400	570	780	44.0	32.0	41.0	61,600	18,240	21,980
CA.....	870	885	730	784	830	675	78.9	83.0	76.3	61,840	68,860	51,525
CO.....	3,875	3,774	3,360	3,270	3,522	2,955	35.2	39.6	32.6	115,020	139,302	96,430
DE.....	50	45	40	49	43	34	41.0	48.0	45.0	2,009	2,064	1,530
FL ³		160	120		130	100		33.0	31.0		4,290	3,100
GA.....	1,000	950	640	890	825	550	35.0	31.0	28.0	31,150	25,575	15,400
ID.....	1,550	1,500	1,430	1,280	1,350	1,310	63.6	53.4	62.4	81,400	72,030	81,750
IL.....	1,800	850	1,300	1,600	750	820	44.0	49.0	44.0	70,400	36,750	36,080
IN.....	1,170	770	800	1,050	700	700	46.0	53.0	43.0	48,300	37,100	30,100
IA.....	110	120	90	100	112	60	36.0	48.0	28.0	3,600	5,376	1,680
KS.....	13,300	12,400	11,500	11,200	11,400	10,200	38.5	38.0	33.0	431,200	433,200	236,600
KY.....	670	430	440	500	310	270	38.0	34.0	33.0	19,000	10,540	8,910
LA.....	400	250	240	320	210	210	41.0	34.0	35.0	13,120	7,140	7,350
MD.....	147	140	160	140	133	145	43.0	49.0	47.0	6,020	6,517	6,815
MI.....	900	770	750	800	750	690	57.0	60.0	45.0	45,600	45,000	30,600
MN.....	2,635	2,835	2,965	2,553	2,683	2,814	47.3	53.1	36.8	120,711	142,426	103,646
MS.....	770	380	250	660	300	200	38.0	31.0	31.0	25,080	9,300	6,200
MO.....	2,350	1,500	1,050	2,050	1,280	570	41.0	39.0	33.0	84,050	49,920	18,810
MT.....	5,015	5,660	5,815	4,640	3,960	4,760	22.6	12.7	29.1	104,655	50,240	138,520
NE.....	3,200	2,600	2,300	2,250	2,300	2,000	36.0	39.0	38.0	81,000	89,700	76,000
NV.....	27	27	25	24	24	22	76.7	73.8	78.2	1,840	1,770	1,720
NJ.....	48	45	40	39	37	30	43.0	52.0	43.0	1,677	1,924	1,290
NM.....	730	730	740	460	570	480	26.0	36.0	22.0	11,960	20,520	10,120
NY.....	180	155	165	170	145	155	46.0	58.0	49.0	7,820	8,410	7,595
NC.....	700	800	525	620	760	460	43.0	29.0	31.0	26,660	22,040	14,260
ND.....	8,820	9,350	9,620	8,660	8,970	9,380	32.8	36.4	30.9	284,190	323,255	289,820
OH.....	1,240	1,000	1,150	1,100	950	1,050	44.0	62.0	46.0	48,400	58,900	48,300
OK.....	7,700	7,800	7,400	5,300	5,500	5,200	36.0	30.0	29.0	190,800	165,000	150,800
OR.....	1,200	1,180	1,070	1,115	1,065	1,025	61.8	52.6	57.0	68,945	56,040	58,405
PA.....	230	220	230	220	210	220	38.0	48.0	44.0	8,360	10,080	9,680
SC.....	400	460	325	380	430	300	38.0	29.0	25.0	14,440	12,470	7,500
SD.....	3,995	4,170	4,065	3,662	3,755	3,840	34.4	29.6	28.2	126,038	111,215	108,660
TN.....	670	340	430	535	250	325	40.0	32.0	33.0	21,400	8,000	10,725
TX.....	7,400	8,100	8,100	5,000	5,850	4,860	30.0	32.0	25.0	150,000	187,200	120,000
UT.....	269	274	270	221	260	258	34.9	32.2	37.5	8,055	8,640	9,730
VA.....	320	340	220	275	285	170	45.0	37.0	41.0	12,375	10,545	6,970
WA.....	2,820	2,850	2,570	2,610	2,690	2,410	61.4	47.7	48.5	160,350	128,250	116,850
WV.....	12	10	11	10	8	9	49.0	43.0	44.0	400	344	396
WI.....	190	170	160	177	157	148	54.5	56.1	54.3	9,640	8,800	8,040
WY.....	325	311	349	282	248	277	28.6	22.3	30.5	8,072	5,528	8,445
US.....	79,213	75,575	72,633	66,928	64,734	60,688	38.8	37.5	34.4	2,594,777	2,425,105	2,086,780

¹ Includes area seeded in preceding fall for winter wheat.² Preliminary.³ Estimates begin with 1985 crop.

National Agricultural Statistics Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1984-86

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	580	500	340	380	400	220	39.0	32.0	26.0	14,820	12,800	5,720
AZ.....	65	67	49	62	65	48	90.0	90.0	94.0	5,580	5,940	4,512
AR.....	1,500	650	850	1,400	570	780	44.0	32.0	41.0	61,500	18,240	31,980
CA.....	770	800	650	690	750	600	76.0	82.0	75.0	52,440	61,500	45,000
CO.....	3,900	3,700	3,300	3,200	3,450	2,900	34.5	39.0	32.0	110,400	134,550	92,900
DE.....	50	45	40	49	43	34	41.0	48.0	45.0	2,000	2,064	1,530
FL ³		160	120		130	100		33.0	31.0		4,290	3,100
GA.....	1,000	950	640	890	825	550	35.0	31.0	28.0	31,150	25,575	15,400
ID.....	1,150	1,000	950	900	870	850	63.0	53.0	61.0	56,700	46,110	51,850
IL.....	1,800	850	1,300	1,600	750	820	44.0	49.0	44.0	70,400	36,750	36,060
IN.....	1,170	770	900	1,050	700	700	45.0	53.0	43.0	45,300	37,100	30,100
IA.....	110	120	90	100	112	60	36.0	48.0	28.0	3,600	5,376	1,680
KS.....	13,300	12,400	11,500	11,200	11,400	10,200	38.5	38.0	33.0	431,290	433,200	396,600
KY.....	670	430	440	500	310	270	38.0	34.0	33.0	19,000	10,540	8,910
LA.....	400	250	240	320	210	210	41.0	34.0	35.0	13,120	7,140	7,350
MD.....	147	140	160	140	133	145	43.0	49.0	47.0	6,020	6,517	6,815
MI.....	900	770	750	800	750	680	57.0	60.0	45.0	45,600	45,000	30,600
MN.....	400	350	180	360	280	130	43.0	37.0	33.0	15,480	10,360	4,290
MS.....	770	380	250	660	300	200	38.0	31.0	31.0	25,080	9,300	6,200
MO.....	2,350	1,500	1,050	2,050	1,280	570	41.0	39.0	33.0	84,950	49,920	18,510
MT.....	2,700	2,460	2,150	2,490	1,400	2,000	27.0	16.0	32.0	66,960	22,400	64,000
NE.....	3,200	2,600	2,300	2,250	2,300	2,000	36.0	39.0	38.0	81,000	89,700	76,000
NV.....	9	10	10	8	9	9	80.0	80.0	90.0	640	720	810
NJ.....	48	45	40	39	37	30	43.0	52.0	43.0	1,677	1,924	1,290
NM.....	730	730	740	460	570	460	26.0	36.0	22.0	11,960	20,520	10,120
NY.....	180	155	165	170	145	155	46.0	58.0	49.0	7,820	8,410	7,595
NC.....	700	800	525	620	760	460	43.0	29.0	31.0	26,660	22,040	14,260
ND.....	620	750	520	550	450	480	40.0	35.0	29.0	22,000	15,750	13,920
OH.....	1,240	1,000	1,150	1,100	950	1,050	44.0	62.0	46.0	48,400	58,900	48,300
OK.....	7,700	7,800	7,400	5,300	5,500	5,200	35.0	30.0	29.0	190,900	165,000	150,800
OR.....	1,130	1,030	970	1,050	960	930	63.0	54.0	58.0	66,150	51,840	53,940
PA.....	230	220	230	220	210	220	38.0	48.0	44.0	8,380	10,080	9,680
SC.....	400	460	325	380	430	300	38.0	29.0	25.0	14,440	12,470	7,500
SD.....	2,000	1,850	1,900	1,700	1,520	1,800	36.0	29.0	32.0	61,200	44,080	57,600
TN.....	670	340	430	535	250	325	40.0	32.0	33.0	21,400	8,000	10,725
TX.....	7,400	8,100	8,100	5,000	5,850	4,800	30.0	32.0	25.0	150,000	187,200	120,000
UT.....	230	230	235	195	220	225	33.0	32.0	36.0	6,435	7,040	8,100
VA.....	320	340	220	275	285	170	45.0	37.0	41.0	12,375	10,545	6,970
WA.....	2,600	2,550	2,250	2,400	2,400	2,100	62.0	48.0	49.0	148,800	115,200	102,500
WV.....	12	10	11	10	8	9	40.0	43.0	44.0	400	344	295
WI.....	170	150	140	160	140	130	56.0	58.0	57.0	8,960	8,120	7,410
WY.....	300	290	320	260	230	250	28.0	22.0	30.0	7,280	5,060	7,500
US.....	63,419	57,752	53,930	51,513	47,953	43,170	40.0	38.1	35.2	2,060,266	1,827,615	1,519,143
Durum wheat ⁴												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AZ.....	82	47	49	80	46	48	90.0	84.0	87.0	7,200	3,864	4,176
CA.....	100	85	80	94	80	75	100.0	92.0	87.0	9,400	7,360	6,525
MN.....	35	35	35	33	33	34	47.0	52.0	39.0	1,551	1,716	1,326
MT.....	215	200	165	210	160	160	17.0	9.0	27.0	3,570	1,440	4,320
ND.....	2,750	2,750	2,600	2,710	2,690	2,500	29.0	35.5	31.0	78,590	95,495	77,500
SD.....	95	90	65	92	85	60	34.0	31.0	26.0	3,128	2,635	1,560
US.....	3,277	3,207	2,994	3,219	3,004	2,877	32.1	36.4	33.2	103,439	112,510	95,407

See footnotes at end of table.

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Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1984-86—Continued

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
CO.....	75	74	60	70	72	55	66.0	66.0	66.0	4,620	4,752	3,630
ID.....	400	500	490	380	480	460	65.0	54.0	65.0	24,780	25,920	29,900
MN.....	2,200	2,450	2,750	2,160	2,370	2,650	48.0	55.0	37.0	103,680	130,350	98,050
MT.....	2,100	3,000	2,700	1,950	2,400	2,600	17.5	11.0	27.0	34,125	26,400	70,200
NV.....	18	17	15	16	15	13	75.0	70.0	70.0	1,200	1,050	910
ND.....	5,450	5,850	6,500	5,400	5,730	6,400	34.0	37.0	31.0	183,600	212,010	198,400
OR.....	70	110	100	65	105	95	43.0	40.0	47.0	2,795	4,200	4,465
SD.....	1,900	2,230	2,100	1,870	2,150	1,980	33.0	30.0	25.0	61,710	64,500	49,500
UT.....	39	44	35	36	40	33	45.0	40.0	50.0	1,620	1,600	1,650
WA.....	220	300	320	210	290	310	55.0	45.0	45.0	11,550	13,050	13,950
WI.....	20	20	20	17	17	18	40.0	40.0	35.0	680	680	630
WY.....	25	21	29	22	18	27	36.0	36.0	35.0	792	468	945
US.....	12,517	14,616	15,109	12,196	13,687	14,641	35.3	35.4	32.3	431,072	484,980	472,230

¹ Area seeded in preceding fall for winter wheat.² Preliminary.³ Estimation begin with 1985 crop.⁴ Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."

National Agricultural Statistics Service.

Table 9.—Wheat: Price-support operations, United States, 1972-87

Year beginning June ¹	Support price				Put under support ²		Acquired by CCC under support program ⁴	Owned by CCC June 30 ¹
	Per bushel		Percentage of parity ³		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	Million bushels	Percent	Million bushels	Million bushels	Million bushels	Percent	Million bushels	Million bushels
1972.....	1.25		41		143	9.3		⁵ 6
1973.....	1.25		37		60	3.5		⁵ 6
1974.....	1.37	2.05	35	53	36	2.0		
1975.....	1.37	2.06	30	45	48	2.2		
1976.....	2.25	2.29	46	47	499	23.3	48	⁵ 58
1977.....	2.25	⁶ 2.00	44	57	591	29.0	2	⁵ 48
1978.....	2.35	3.40	45	65	256	14.2		50
1979.....	2.50	3.40	48	65	182	8.5	⁷ 157	⁵ 200
1980.....	⁸ 3.00	⁸ 3.63	46	56	331	14.0		⁵ 196
1981.....	⁸ 3.20	3.81	45	54	452	16.1	13	⁵ 187
1982.....	⁸ 3.55	4.05	49	56	646	23.0	⁹ 148	⁵ 192
1983.....	3.65	4.30	49	58	635	⁹ 26.2	⁹ 220	⁵ 188
1984.....	3.30	4.38	44	58	294	10.9	244	⁵ 378
1985.....	3.30	4.38	47	62	841	34.7	288	⁵ 602
1986.....	2.40	4.38	36	65	¹⁰ 525	25.2	¹⁰ 517	¹⁰ 950
1987.....	2.28	4.38						

¹ Marketing year for 1972 thru 1975 began July 1 and ended June 30. Beginning June 1, 1976 (1975 crop) marketing year begins June 1 and ends May 31.² Percentage of parity price at beginning of marketing year.³ Represents loans made, purchases, and agreements entered into.⁴ Acquisitions through loan forfeitures occurring during crop year.⁵ Uncommitted CCC inventory.⁶ Reserve loan levels: 1980—\$3.30; 1981—\$3.50; 1982—\$4.00. Reserve loans for other years beginning with 1976 crop same as shown in table. Target Prices: 1977—\$2.47 on under-planted allotment acreage; 1980—\$3.08 available to producers on farms where plantings exceeded the NCA.⁷ Acquired through direct purchases by CCC for future Food Security Reserves.⁸ Total CCC inventory including 147 million bushels in Food Security Reserves.⁹ Includes acquisitions for payment-in-kind (PIK) program entitlements.¹⁰ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	3.25	3.05	2.65	48,165	39,040	15,158
AZ.....	4.08	3.52	3.19	52,146	34,472	27,734
AR.....	3.29	3.06	2.50	202,664	55,814	79,950
CA.....	3.71	3.46	2.80	229,476	237,977	144,538
CO.....	3.19	2.92	2.16	366,549	406,842	206,232
DE.....	3.30	2.88	2.40	6,630	5,944	3,672
FL ³		3.01	2.45		12,913	7,595
GA.....	3.20	2.85	2.50	99,680	72,889	38,500
ID.....	3.30	3.21	2.28	268,839	231,562	186,530
IL.....	3.27	3.03	2.40	230,206	111,353	86,592
IN.....	3.25	2.92	2.20	156,975	108,332	66,220
IA.....	3.26	2.95	2.25	11,736	15,659	3,780
KS.....	3.32	3.06	2.20	1,431,584	1,325,592	740,520
KY.....	3.30	2.91	2.50	62,700	30,671	22,275
LA.....	3.50	3.25	2.75	45,920	33,205	20,213
MD.....	3.33	2.91	2.40	20,047	18,964	16,356
MI.....	3.18	2.90	2.35	145,008	130,500	71,910
MN.....	3.41	3.25	2.35	411,688	463,221	243,253
MS.....	3.40	3.30	2.80	85,272	30,690	17,360
MO.....	3.19	2.94	2.35	268,120	146,765	44,204
MT.....	3.52	3.45	2.43	368,024	173,370	336,578
NE.....	3.28	2.95	2.10	265,680	264,615	159,600
NV.....	3.00	2.77	2.08	5,516	4,899	3,572
NJ.....	3.40	3.20	2.40	5,702	6,157	3,096
NM.....	3.36	3.24	2.25	40,186	66,485	22,770
NY.....	3.25	2.87	2.20	25,415	24,137	16,709
NC.....	3.35	2.90	2.50	89,311	63,916	35,650
ND.....	3.53	3.28	2.38	1,003,343	1,060,580	690,000
OH.....	3.31	3.00	2.35	160,204	176,700	113,505
OK.....	3.36	3.24	2.20	641,088	534,600	331,760
OR.....	3.47	3.41	2.45	239,240	191,096	143,092
PA.....	3.60	3.05	2.65	30,096	30,744	25,652
SC.....	3.30	2.86	2.45	47,652	35,664	18,375
SD.....	3.46	3.28	2.29	430,935	364,643	248,703
TN.....	3.30	3.00	2.50	70,620	24,000	26,813
TX.....	3.39	3.13	2.30	508,500	585,936	276,000
UT.....	3.38	3.05	2.42	27,195	26,346	23,565
VA.....	3.35	2.95	2.50	41,456	31,213	17,425
WA.....	3.45	3.41	2.45	555,206	437,333	286,263
WV.....	3.35	2.95	2.30	1,340	1,015	911
WI.....	3.25	2.82	2.35	31,330	24,816	18,896
WY.....	3.17	3.06	2.13	25,585	16,931	18,018
US.....	3.38	3.15	2.34	8,755,033	7,647,801	4,861,364

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.

² Preliminary.

³ Estimate begin with 1985 crop.

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Table 11.—Wheat: Area, yield, and production in specified countries, 1984/85–1986/87¹

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North & Central America:									
Canada.....	18,158	18,729	14,217	1.61	1.77	2.24	21,199	24,252	31,550
Guatemala.....	81	32	52	1.42	1.66	1.56	44	53	50
Mexico.....	950	1,050	1,075	4.42	4.19	4.19	4,209	4,400	4,500
United States.....	27,085	26,197	24,560	2.61	2.52	2.31	70,618	66,001	56,793
Total.....	41,224	41,006	39,884	2.33	2.31	2.34	96,061	94,706	98,193
South America:									
Argentina.....	5,950	5,270	5,000	2.22	1.61	1.80	13,200	8,500	9,000
Bolivia.....	89	93	52	.76	.73	.73	69	68	60
Brazil.....	1,750	2,800	3,900	1.09	1.54	1.44	1,900	4,300	5,600
Chile.....	510	570	670	2.26	2.81	2.39	1,150	1,600	1,600
Colombia.....	42	43	39	1.88	1.27	1.80	79	50	70
Ecuador.....	20	18	18	1.05	1.06	1.00	21	19	18
Paraguay.....	97	127	154	1.90	1.46	1.52	184	185	234
Peru.....	88	81	98	1.01	1.14	1.20	84	92	118
Uruguay.....	226	240	240	1.51	1.25	1.25	342	300	300
Venezuela.....	1	1	1	1.00	1.00	1.00	1	1	1
Total.....	8,768	9,243	10,202	1.94	1.64	1.67	17,030	15,124	17,001
Europe:									
Belgium-Luxembourg.....	194	194	196	6.86	6.21	6.78	1,330	1,204	1,342
Denmark.....	333	340	354	7.35	5.80	6.15	2,446	1,972	2,177
France.....	5,100	4,832	4,911	6.52	6.06	5.40	33,241	29,282	26,500
Germany, Fed. Rep. of.....	1,634	1,612	1,648	6.26	6.12	6.31	10,223	9,866	10,406
Greece.....	924	848	879	2.86	2.09	2.50	2,646	1,775	2,200
Ireland.....	78	78	76	7.50	5.99	5.07	585	467	385
Italy.....	3,270	3,032	3,133	3.07	2.81	2.90	10,057	8,516	9,070
Netherlands.....	143	128	118	7.91	6.65	7.97	1,131	851	940
United Kingdom.....	1,939	1,902	1,999	7.71	6.33	6.36	14,957	12,045	13,900
Total EC.....	13,619	12,966	13,316	5.63	5.09	5.03	76,616	65,958	66,920
Austria.....	315	320	324	4.77	4.88	4.37	1,501	1,563	1,415
Finland.....	154	157	166	3.10	3.15	3.19	478	495	529
Malta.....	1	1	1	3.00	3.00	3.00	3	3	3
Norway.....	33	39	42	5.15	4.36	4.29	170	170	180
Portugal.....	280	285	292	1.68	1.39	1.59	470	395	463
Spain.....	2,267	2,024	2,096	2.56	2.63	2.05	5,800	5,325	4,292
Sweden.....	315	277	311	5.64	4.83	5.56	1,776	1,338	1,730
Switzerland.....	92	93	95	6.48	5.60	4.63	596	521	440
Total Western Europe.....	17,076	16,162	16,643	5.12	4.69	4.56	87,410	75,769	75,972
Albania.....	190	190	190	3.16	3.03	2.95	600	575	560
Bulgaria.....	1,126	1,067	1,000	4.30	2.88	3.75	4,836	3,068	3,750
Czechoslovakia.....	1,209	1,206	1,210	5.10	4.98	4.63	6,170	6,000	5,600
German Dem. Rep.....	747	744	745	5.23	5.28	5.60	3,903	3,930	4,175
Hungary.....	1,361	1,356	1,317	5.41	4.83	4.36	7,367	6,548	5,744
Poland.....	1,707	1,885	2,025	3.52	3.43	3.79	6,010	6,461	7,500
Romania.....	2,360	2,355	2,530	3.21	2.41	2.96	7,578	5,665	7,500
Yugoslavia.....	1,458	1,348	1,346	3.84	3.59	3.55	5,595	4,839	4,776
Total Eastern Europe.....	10,158	10,150	10,363	4.14	3.65	3.82	42,059	37,086	39,805
Total Europe.....	27,234	26,312	27,006	4.75	4.29	4.28	129,469	112,855	115,577
Soviet Union (Europe and Asia).....	51,061	50,255	48,728	1.34	1.55	1.89	68,000	78,100	92,306
Africa:									
Algeria.....	1,724	1,735	1,550	.96	.96	.93	1,646	1,660	1,445
Angola.....	10	10	10	.60	.70	.60	6	7	6
Egypt.....	491	496	507	3.70	3.76	3.81	1,815	1,873	1,929
Ethiopia.....	625	625	680	1.04	1.04	1.10	650	650	750
Kenya.....	136	104	107	.70	2.31	2.29	95	240	245
Lesotho.....	10	25	25	.50	.80	.60	5	20	15
Libya.....	300	300	300	.42	.42	.50	125	125	150
Morocco.....	1,856	1,894	2,226	1.07	1.08	1.49	1,999	2,060	3,323
Mozambique.....	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria.....	16	18	18	2.63	2.78	2.78	42	50	50
South Africa.....	1,919	1,951	1,925	1.16	.86	1.19	2,224	1,680	2,235
Sudan.....	50	100	120	1.58	1.25	1.25	79	300	150

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1984/85–1986/87 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Cont.									
Tanzania.....	59	60	55	1.41	1.48	1.31	83	89	72
Tunisia.....	900	1,033	540	.79	1.34	.88	711	1,380	474
Zambia.....	3	3	6	4.67	5.00	4.17	14	15	25
Zaire.....	8	10	12	1.25	1.00	1.08	10	10	13
Zimbabwe.....	20	42	43	4.95	4.88	5.23	99	205	225
Total.....	8,130	8,471	8,127	1.18	1.21	1.37	9,596	10,257	11,160
Asia:									
Afghanistan.....	2,150	2,100	2,060	1.33	1.36	1.32	2,860	2,850	2,700
Bangladesh.....	676	540	625	2.17	1.93	2.12	1,464	1,042	1,325
Bhutan.....	65	65	65	1.00	1.00	1.00	65	65	65
Burma.....	129	150	150	1.60	1.40	1.43	206	210	215
China.....	29,576	29,218	29,696	2.97	2.94	3.04	87,820	85,810	90,295
Taiwan.....	1	1	1	2.30	4.00	2.00	2	4	2
Cyprus.....	12	13	12	1.42	1.31	.83	17	17	10
India.....	24,672	23,564	23,074	1.84	1.87	2.03	45,476	44,069	46,885
Iran.....	5,650	5,700	5,750	.90	.93	1.04	4,500	5,300	5,950
Iraq.....	493	1,540	1,400	.96	.91	.79	471	1,406	1,100
Israel.....	70	45	45	1.86	2.84	2.67	130	128	120
Japan.....	232	234	246	3.19	3.74	3.56	741	874	876
Jordan.....	40	95	70	.93	.66	.57	37	63	40
Korea, Dem. Peo. Rep. of.....	165	165	175	2.12	2.12	2.29	350	350	400
Korea, Rep. of.....	6	3	2	2.83	3.67	2.50	17	11	5
Lebanon.....	5	5	5	3.00	3.00	3.40	15	15	17
Nepal.....	452	480	500	1.18	1.23	1.28	534	589	640
Mongolia.....	410	410	410	.73	.73	.73	300	300	300
Pakistan.....	7,326	7,403	7,403	1.49	1.58	1.88	10,882	11,703	13,922
Saudi Arabia.....	470	500	600	2.98	4.09	3.81	1,402	2,047	2,285
Syria.....	1,107	1,285	1,350	.97	1.36	1.37	1,068	1,714	1,850
Turkey.....	8,600	8,600	8,700	1.55	1.48	1.61	13,300	12,700	14,000
Yemen (Sanaa).....	66	66	66	.38	.76	.98	55	61	65
Yemen, PDR (Aden).....	10	10	10	1.50	1.50	1.50	15	15	15
Total.....	82,383	82,172	82,405	2.08	2.08	2.22	171,727	171,343	183,082
Oceania:									
Australia.....	12,078	11,959	11,255	1.55	1.38	1.48	18,665	16,127	16,700
New Zealand.....	69	67	95	4.55	4.45	4.21	314	298	400
Total.....	12,147	12,026	11,350	1.56	1.37	1.51	18,980	16,425	17,100
World total.....	230,947	229,497	227,702	2.22	2.22	2.32	511,463	498,810	529,419

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1982 and end early in 1983.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and flour: United States imports, 1972-85

Year beginning June	Wheat		Flour (wheat equivalent) ²	Other products (wheat equivalent) ³	Total wheat, flour, and other products
	Suitable for milling ¹	Unfit for human consumption			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	29	52	90	1,131	1,302
1973.....	1,282	70	178	1,113	2,622
1974.....	1,734	109	387	1,134	3,364
1975.....	631	344	92	1,307	2,374
1976.....	1,298	20	32	1,381	2,731
1977.....	424	2	20	1,475	1,921
1978.....	18	15	45	1,772	1,850
1979.....	155	60	62	1,869	2,136
1980.....	128	58	200	2,148	2,534
1981.....	59	14	357	2,423	2,853
1982.....	3,901	35	624	3,036	7,596
1983.....	67	11	336	3,426	3,840
1984.....	4,825	3	329	4,283	9,440
1985.....	9,758	71	475	4,400	14,704

¹ Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1942-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. ² Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." ³ Includes macaroni, semolina, and similar products.

Economic Research Service.

Table 13.—Wheat and flour: United States exports under specified Government programs, 1972-85

Year ¹	Public Law 480			Foreign Donations Sec. 416 ²	Mutual security (AID) ³	Total specified Government programs
	Title I sales	Title II donations				
	Long-term dollar and convertible foreign currency credit sales ⁴	Government-to-government and World Food Program ⁵	Voluntary relief agencies ⁶			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	90,576	35,954	12,603		⁷ - 86	139,047
1973.....	26,355	10,891	8,502		11,074	56,822
1974.....	102,289	6,705	7,873			116,847
1975.....	105,861	2,734	7,046		8,348	123,969
(*) 1976.....	(44,350)	(2,752)	(1,526)		(6,481)	(55,109)
1976.....	133,504	8,887	17,842		15,836	158,277
1977.....	119,225	6,313	11,487		12,520	149,545
1978.....	126,819	5,968	9,806		243	142,838
1979.....	107,288	8,724	7,064		2,147	125,218
1980.....	101,052	9,659	7,158		153	118,022
1981.....	110,046	14,312	8,614			132,972
1982.....	113,322	22,081	8,724		6,805	150,932
1983.....	120,670	19,114	17,117			156,901
1984.....	151,605	23,188	8,990		2,726	186,449
1985.....	128,438	18,322	6,172	1,849	17,124	171,905

¹ Year beginning July 1 for 1972-75 and Oct. 1 beginning 1976.

² Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-608.

³ Authorized by Title II, P.L. 480. ⁴ Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-608, effective Jan. 1, 1967.

⁵ Section 416 of the Agricultural Act of 1949, as amended by the Agricultural Program Adjustment Act of 1984.

⁶ Foreign Assistance Act of 1961, as amended.

⁷ Negative quantity due to adjustments for prior periods. ⁸ Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 14.—Wheat and flour: ¹ International trade, 1984-86

Country	Year beginning July					
	1984		1985		1986 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Principal exporters:						
Canada	19,400	0	16,880	0	18,000	0
United States ³	38,092	232	25,000	325	26,600	250
Argentina	8,034	0	6,122	0	4,500	0
Australia	15,265	0	16,000	0	14,000	0
Bulgaria	410	100	0	800	300	0
France	16,704	841	17,677	282	17,100	900
Romania	600	100	100	0	200	250
Spain	280	200	285	75	1,465	200
Sweden	656	50	605	40	700	40
Turkey	517	1,048	112	980	590	600
Greece	356	1,041	624	307	470	300
Hungary	2,300	0	2,100	0	1,500	0
Total ⁴	102,594	3,112	85,505	2,909	85,335	2,540
Principal importers:						
Cuba	0	1,300	0	1,300	0	1,350
Brazil	0	5,400	0	2,500	0	3,000
Peru	0	863	0	800	0	1,000
Belgium and Luxembourg	830	1,392	650	1,210	590	1,350
Germany, Fed. Rep. of	1,653	2,626	2,826	2,760	2,100	2,150
Netherlands	693	1,445	614	1,582	650	1,600
United Kingdom	1,939	1,013	2,525	2,070	4,000	2,500
Yugoslavia	200	0	0	103	0	800
Egypt	0	6,600	0	6,700	0	7,000
South Africa	50	490	83	50	85	240
India	150	150	490	50	500	100
Indonesia	0	1,375	0	1,375	0	1,600
Israel	0	700	0	607	0	570
Japan	269	5,603	281	5,532	300	5,500
Korea, Rep. of	0	3,111	0	3,030	0	3,500
Malaysia	16	640	17	561	20	640
Pakistan	49	1,036	0	1,534	300	350
Philippines	9	785	0	529	0	850
Italy	1,973	4,500	2,676	5,204	2,500	5,000
Soviet Union	1,000	28,100	500	15,700	1,000	15,000
Algeria	0	2,800	0	2,800	0	3,300
Morocco	0	2,450	0	2,019	0	1,500
Syria	0	1,280	0	850	100	1,200
Tunisia	0	858	0	792	0	1,200
Poland	0	1,602	0	1,700	0	1,400
China	0	7,400	0	6,600	0	6,500
Taiwan	0	780	0	690	0	750
Portugal	0	545	0	727	0	650
Saudi Arabia	0	300	250	100	400	100
Sri Lanka	0	650	0	593	0	555
Venezuela	0	1,028	0	1,000	0	1,050
Vietnam	0	600	0	600	0	600
Germany, Dem. Rep. of	90	800	75	550	400	650
Total ⁴	8,911	88,132	10,899	72,719	12,945	78,555

¹ Flour reported in terms of grain equivalent.² Preliminary.³ United States exports exclude exports of flour milled in bond from imported wheat.⁴ Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and Flour:¹ United States exports (domestic) by country of destination, 1984 and 1985

Country of destination	Year ²		Country of destination	Year ²	
	1984	1985		1984	1985
	Metric tons	Metric tons		Metric tons	Metric tons
Wheat:			Wheat flour, wholly of U.S. wheat:		
Mexico.....	28	52	Central America.....	7,580	4,871
Central America.....	515,888	602,797	Jamaica.....	11,403	651
Caribbean.....	651,765	745,287	Trinidad and Tobago.....	158	354
Brazil.....	2,854,491	416,622	Other Caribbean.....	11,875	8,724
Chile.....	399,840	301,375	Bolivia.....	7,233	16,807
Colombia.....	611,745	484,422	Brazil.....	27	0
Ecuador.....	388,080	343,345	Chile.....		6
Peru.....	335,845	201,344	Colombia.....	1,306	977
Venezuela.....	594,569	771,397	Guyana.....	4	0
Other Americas.....	60,494	279,342	Other Americas.....	15,799	10,458
Total Americas.....	6,412,746	4,145,983	Total Americas.....	55,856	42,708
Belgium and Luxembourg.....	50,786	40,110	Greece.....		0
France.....	30,825	252	Netherlands.....	1,011	1,293
Germany, Fed. Rep. of.....	12,484	8,688	Portugal.....		0
Italy.....	873,989	419,798	Other Europe.....	116,309	2,716
Netherlands.....	341,728	396,761	Total Europe.....	117,320	4,009
Norway.....	29	102,637	Sri Lanka.....	4,136	2,372
Portugal.....	549,094	380,166	Japan.....	65	219
Spain.....	10	14,001	Jordan.....	343	5,830
Switzerland.....	10,440	162	Korea, Rep. of.....		0
United Kingdom.....	25,036	264	Lebanon.....	1,728	5,133
Other Europe.....	157,758	427,290	Philippines.....	5,036	77,707
Soviet Union.....	2,852,078	152,644	Saudi Arabia.....	7,119	1,604
Total Europe and Soviet Union.....	4,404,307	1,922,773	Other Asia.....	8,020	246,240
India.....	49,755	2,009	Total Asia.....	26,447	338,610
Iran.....			Egypt.....	567,078	891,280
Israel.....	507,161	518,018	Morocco.....	25,097	24,581
Japan.....	3,254,341	3,170,367	Other Africa.....	275,198	251,366
Korea, Rep. of.....	1,901,336	2,059,147	Total Africa.....	867,373	1,167,235
Lebanon.....	48,864	42,300	Oceania.....	2,781	2,568
Pakistan.....	332,719	905,413	World total.....	1,069,274	1,555,120
Philippines.....	623,214	820,677	Relief or charity ³	301,283	223,708
Syria.....	101,095	0			
China.....	1,301,247	143,800			
Taiwan.....	606,477	649,950			
Turkey.....	321,015	550,304			
Other Asia.....	2,821,275	2,743,251			
Algeria.....	570,245	1,982,090			
Morocco.....	823,005	1,153,017			
South Africa.....	16,587	168,181			
Tunisia.....	230,396	95,317			
Other Africa.....	3,437,417	4,072,025			
Other countries.....	812,645	346,295			
World total.....	28,526,182	25,491,508			
Relief or charity ³.....	485,834	498,787			

¹ Flour reported in terms of grain equivalent.² Year beginning Oct. 1.³ Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—Wheat and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1985-86¹

Member country imports	Member country exports						Grand total
	United States	Canada	European Community	Australia	Argentina	Other	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Austria.....			448			19,898	20,346
Barbados.....	18,543	2,073	238				20,854
Bolivia.....	284,506		10,220		31,800		246,526
Brazil.....	766,970	754,316	50,625		873,900		2,445,211
Costa Rica.....	153,327						153,327
Cuba.....		1,052,857	129,612		212,800		1,395,269
Dominican Republic.....	237,747	46	2,089		1,500		241,382
Ecuador.....	368,132	881					369,013
Egypt.....	2,533,492	480,603	1,388,429	2,363,014		7,014	6,772,552
El Salvador.....	135,872						135,872
European Community:							
Belgium.....	59,043	5,900					64,943
Denmark.....	50						50
France.....		39,250				786	40,036
Germany, Fed. Rep. of.....		105					105
Italy.....	347,062	325,624					672,686
Netherlands.....	352,306	148,979			10,100		511,385
United Kingdom.....	5	623,450		178,232			801,687
Greece.....		331					331
Portugal.....	504,648	149,385					717,263
Spain.....			63,230		3,000		43,737
Finland.....	33,071		23				33,094
Guatemala.....	141,464		700				142,164
India.....	205,959		500				206,459
Iran.....		51,760	4,223	975,978	816,000	102,158	1,950,119
Iraq.....	654,770	346,500	156,729	765,176		1,058	1,924,233
Israel.....	448,819	50,854	17,678				517,351
Japan.....	3,282,424	1,183,078		1,019,891			5,485,193
Kenya.....	88,003		20,067	30,000			138,090
Korea, Rep. of.....	1,788,492	384,289	114,260	654,278	64,400		3,005,719
Lebanon.....	5,158	8,523	112,504		274,800	1,508	402,498
Libya.....		123,509	462,091		87,300	1	672,901
Malta.....	23,224		19,998				43,222
Mauritius.....			57,395	4,858			62,253
Morocco.....	1,044,897		785,378			5,000	1,835,275
Nigeria.....	866,390	126,050	31,218		93,600		1,067,258
Norway.....	39,636	70,118	23,358		83,900	720	217,612
Pakistan.....	1,205,416		126,130	491,967	153,000	27,500	2,003,183
Panama.....	86,075						86,075
Peru.....	214,456		5,000		728,000		947,456
Saudi Arabia.....	271		17,967	70		705	19,013
South Africa.....		55,000	158	32,449	37,100		124,707
Sweden.....			1,310				1,310
Switzerland.....			81,505			30,820	112,325
Syria.....	4,083	767	386,704		291,500	32,012	715,021
Trinidad and Tobago.....	100,459	3,863					104,322
Tunisia.....	68,632		597,347			9,760	675,739
Turkey.....	509,303		105,805	53,497	212,800		881,405
United Kingdom Territories ²	107,805	11,098	1,672	3,248		120,996	244,819
United States.....		142,236	115				142,351
Soviet Union.....	152,619	3,869,833	5,156,827	3,174,589	739,400	2,207,825	15,301,093
Vatican City.....			225				225
Venezuela.....	634,426	234,408	24				868,858
Total.....	17,327,555	10,245,691	9,972,539	9,746,147	4,714,200	2,567,761	54,573,988

¹ Data in this table are limited to exports and imports of wheat and flour during July 1, 1985 through June 30, 1986 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. Flour reported in terms of grain equivalent.

² Country of destination within EC not reported to International Wheat Council.

³ Included are Hong Kong, Gibraltar, Bermuda, and Virgin Islands.

Foreign Agricultural Service. Data from International Wheat Council Report.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Used on farms where produced for seed and fed to livestock	Sold	Season average price per bushel received by farmers ²	Value of production ³
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	3,458	1,060	26.9	28,256	4,216	24,040	0.963	27,791
1973.....	3,380	955	25.8	24,677	4,672	20,005	1.91	46,532
1974.....	2,828	784	22.3	17,506	3,851	13,655	2.51	43,876
1975.....	2,791	728	21.9	15,924	3,641	12,283	2.36	37,406
1976.....	2,604	719	20.7	14,891	3,641	11,250	2.47	37,038
1977.....	2,555	677	24.4	16,543	3,758	12,785	2.06	34,539
1978.....	2,865	926	26.0	24,065	4,957	19,108	1.99	48,520
1979.....	2,839	850	25.7	21,887	4,521	17,366	2.07	46,086
1980.....	2,488	660	24.6	15,958	(⁴)	(⁴)	2.63	41,966
1981.....	2,566	685	26.6	18,187	(⁴)	(⁴)	3.00	55,004
1982.....	2,533	677	28.9	19,533	(⁴)	(⁴)	2.39	47,460
1983.....	2,707	896	30.3	27,116	(⁴)	(⁴)	2.17	60,074
1984.....	2,971	981	33.1	32,463	(⁴)	(⁴)	2.08	68,828
1985.....	2,563	717	28.8	20,637	(⁴)	(⁴)	2.05	43,251
1986 ⁴	2,384	677	28.8	19,496	(⁴)	(⁴)	1.35	27,438

¹ Area planted in preceding fall.

² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³ Estimates discontinued.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 18.—Rye: Supply and disappearance, United States, 1972-86

Year beginning June	Supply				Disappearance								Ending stocks May 31
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use					Exports	Total disap- pearance		
					Food	Seed	Indus- try	Feed ¹	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1972.....	46,880	28,256	154	75,290	5,122	4,969	3,038	16,810	29,939	6,535	36,474	38,816	
1973.....	38,816	24,677	1	63,494	6,250	4,214	2,547	8,795	21,806	27,513	49,319	14,175	
1974.....	14,175	17,506	277	31,958	5,459	4,438	1,386	7,588	18,871	6,465	25,336	6,622	
1975.....	6,622	15,924	944	23,490	4,172	4,140	2,060	7,598	17,970	1,117	19,087	4,408	
1976.....	4,403	14,891	248	19,542	3,696	4,114	1,930	5,350	15,090	38	15,128	4,414	
1977.....	4,414	16,543	127	21,084	3,648	4,584	1,875	6,984	17,091	24	17,115	3,969	
1978.....	3,969	24,065	145	28,179	3,690	4,644	2,383	8,130	18,847	359	19,206	8,973	
1979.....	8,973	22,389	7	31,369	3,523	4,034	2,116	7,082	16,755	2,422	19,177	12,192	
1980.....	12,192	16,483	10	28,685	3,515	4,150	2,050	7,331	17,946	7,494	24,540	4,145	
1981.....	4,145	18,822	432	23,399	3,458	4,160	2,242	8,915	18,775	1,529	20,304	3,000	
1982.....	3,000	19,500	3,000	25,600	3,300	4,400	2,300	9,600	19,600	200	19,800	5,500	
1983.....	5,500	27,100	1,600	34,500	3,500	4,800	2,100	11,300	22,200	1,000	23,200	11,500	
1984.....	11,300	32,500	600	44,400	3,500	4,500	2,000	14,100	24,100	400	24,500	19,900	
1985.....	19,900	20,600	2,100	42,600	3,500	3,800	2,100	11,000	20,400	200	20,600	22,000	
1986 ²	22,000	19,500	1,000	42,500	3,500	3,700	2,000	13,900	23,000	500	23,500	19,000	

¹ Residual, approximates total feed use.

² Preliminary.

Economic Research Service.

Table 19.—Rye: Area, yield, and production, by States, 1984-86

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
CO.....	15	13	15	1	2	2	17.0	22.0	21.0	17	44	42
DE.....	29	29	30	4	3	4	31.0	35.0	34.0	124	105	136
GA.....	430	450	425	80	90	85	22.0	28.0	21.0	1,760	2,070	1,785
IL.....	85	50	45	11	8	7	28.0	32.0	30.0	308	256	210
IN.....	50	85	35	12	11	10	28.0	28.0	28.0	336	308	280
IA.....	30	25	20	5	6	4	34.0	36.0	30.0	170	216	150
KS.....	75	60	64	13	12	10	24.0	25.0	21.0	312	300	210
KY.....	60	50	46	3	2	1	30.1	26.0	28.0	90	52	28
MD.....	55	45	46	7	6	9	32.0	33.0	33.0	224	198	297
MI.....	140	135	145	21	21	23	28.0	31.0	31.0	588	651	713
MN.....	200	145	100	175	110	50	38.0	30.0	32.0	6,650	3,300	1,000
MO.....	47	38	20	3	3	3	25.0	27.0	20.0	75	81	60
NE.....	235	175	140	58	54	45	24.0	23.0	23.0	1,392	1,242	1,035
NJ.....	60	58	58	9	10	10	29.0	32.0	31.0	261	320	310
NY.....	105	110	105	13	12	13	33.0	35.0	33.0	429	420	429
NC.....	160	160	160	25	35	35	22.0	19.0	17.0	550	665	595
ND.....	155	100	135	150	80	125	36.0	33.0	34.0	5,400	2,640	4,250
OH.....	60	40	40	5	4	5	35.0	43.0	35.0	175	172	175
OK.....	180	180	170	32	36	40	22.0	23.0	21.0	704	828	840
OR.....	25	20	20	4	3	5	35.0	37.0	40.0	140	111	200
PA.....	80	70	75	17	20	18	34.0	37.0	35.0	578	740	630
SC.....	90	90	80	26	28	23	21.0	19.0	17.0	546	532	391
SD.....	280	130	130	270	120	120	40.0	37.0	37.0	10,800	4,440	4,440
TX.....	115	150	100	15	20	10	16.0	20.0	19.0	240	460	190
VA.....	180	175	160	14	12	14	27.0	26.0	26.0	378	312	364
WI.....	30	30	20	8	9	6	27.0	26.0	28.0	216	234	168
US.....	2,971	2,563	2,384	961	717	677	33.1	28.8	28.8	32,463	20,637	19,498

¹ Relates to the total area of rye sown for all purposes; area planted in preceding fall.² Preliminary.

National Agricultural Statistics Service.

Table 20.—Rye: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel			Value of production		
	1984 ¹	1985 ¹	1986 ²	1984 ¹	1985 ¹	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
CO	1.65	1.95	1.05	28	86	44
DE	2.12	2.10	1.55	263	221	211
GA	2.55	2.30	1.65	4,488	4,761	2,945
IL	2.50	2.40	1.95	770	614	410
IN	2.35	2.20	1.70	756	678	476
IA	2.26	2.26	1.70	384	488	354
KS	1.60	1.60	1.45	499	480	305
KY	2.60	2.20	1.85	334	114	62
MD	2.12	2.10	1.50	475	416	446
MI	2.25	1.90	1.40	1,323	1,237	998
MN	1.94	1.80	1.45	12,901	5,940	2,330
MO	3.00	2.50	1.75	225	203	105
NE	2.02	1.77	1.40	2,812	2,198	1,449
NJ	3.50	2.80	2.80	914	896	888
NY	2.82	2.68	2.20	1,214	1,126	944
NC	2.85	2.60	1.90	1,568	1,722	1,131
ND	2.00	1.96	1.90	10,800	5,174	4,250
OH	3.50	3.00	2.50	613	516	438
OK	3.00	2.50	1.50	2,112	2,070	1,280
OR	1.84	1.97	1.30	358	219	260
PA	3.30	2.69	2.20	1,907	1,991	1,206
SC	2.40	2.25	1.75	1,310	1,197	684
SD	1.92	1.91	1.10	20,736	8,480	4,884
TX	3.80	3.15	2.00	912	860	380
VA	2.25	3.30	2.00	851	1,630	728
WI	2.20	2.25	1.55	475	527	280
US	2.08	2.05	1.35	68,828	43,251	27,438

¹ Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

² Preliminary.

National Agricultural Statistics Service.

Table 21.—Rye: Price-support operations, United States, 1972-87

Year beginning June ¹	Support price		Put under support ²		Acquired by CCC under support program ⁴	Owned by CCC June 30 ¹
	Per bushel	Percentage of parity ³	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1972	0.89	56	6.9	23.6	1.5	* 0.1
1973	.89	51	.4	1.5		
1974	.89	46	.2	1.0		
1975	.89	39	.1	.6		
1976	1.30	48	.1	1.0		
1977	1.70	61	.9	8.4		
1978	1.70	66	2.0	11.5		
1979	1.70	51	1.9	8.5		
1980	1.91	51	.4	2.4		
1981	2.04	48	.5	2.6		
1982	2.17	48	1.7	8.1	1.4	(*)
1983	2.25	47	5.3	19.6	1.4	1.2
1984	2.17	45	10.1	90.9	4.9	5.1
1985	2.17	47	4.1	19.9	9.8	16.0
1986	1.63	38	* 5.8	* 29.7	* 2.8	* 18.5
1987	1.55					

¹ Marketing year for 1972 thru 1975 began July 1 and ended June 30. Beginning June 1, 1976 (1975 crop), marketing year begins June 1 and ends May 31.

² Percentage of parity price as of the beginning of the marketing year.

³ Includes loans made, purchases, and purchase agreements entered into.

⁴ Acquisitions through loan forfeitures occurring during crop year.

⁵ Uncommitted CCC inventory.

⁶ Less than 100,000 bushels.

⁷ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 22.—Rye: Area, yield, and production in specified countries, 1984/85–1986/87¹

Continent and country	Area ²			Yield per hectare			Production		
	1984/ 85	1985/ 86	1986/ 87 ³	1984/ 85	1985/ 86	1986/ 87 ³	1984/ 85	1985/ 86	1986/ 87 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	370	372	341	1.50	1.61	1.97	654	598	670
United States.....	397	290	274	2.08	1.81	1.81	825	524	495
Total.....	767	662	615				1,479	1,122	1,165
South America:									
Argentina.....	157	134	130	.89	.75	.85	140	100	110
Brazil.....	4	13	4	.75	1.00	1.00	3	13	4
Chile.....	5	5	5	2.20	2.00	2.00	11	10	10
Total.....	166	152	139				154	123	124
Europe:									
Belgium-Luxembourg.....	9	8	10	4.67	4.13	5.50	42	33	55
Denmark.....	122	127	121	4.98	4.45	4.51	608	565	546
France.....	96	84	74	3.24	3.27	3.04	321	283	225
Germany, Fed. Rep. of.....	450	437	425	4.41	4.30	4.28	1,983	1,877	1,818
Greece.....	7	9	11	2.14	2.22	2.09	15	20	23
Italy.....	9	9	8	2.67	2.56	2.75	24	23	22
Netherlands.....	6	5	4	4.17	3.80	4.75	25	19	19
United Kingdom.....	6	8	6	4.67	4.38	5.00	28	35	30
Total EC.....	705	687	659				3,046	2,855	2,738
Austria.....	93	88	83	4.09	3.85	3.42	380	339	284
Finland.....	45	31	27	2.04	2.32	2.63	92	72	71
Norway.....	1	1	1	3.00	3.00	3.00	3	3	3
Portugal.....	131	122	118	.88	.80	.79	115	97	93
Spain.....	233	222	223	1.40	1.33	.99	325	295	220
Sweden.....	62	46	36	3.98	3.44	4.28	247	158	154
Switzerland.....	5	4	4	5.80	5.00	4.75	29	20	19
Total Western Europe.....	1,275	1,201	1,151				4,237	3,839	3,582
Albania.....	11	11	11	1.09	1.09	1.00	12	12	11
Bulgaria.....	26	32	30	1.42	1.53	1.67	37	49	50
Czechoslovakia.....	197	180	185	3.60	3.44	3.11	710	620	575
German Dem. Rep.....	718	690	685	3.50	3.62	3.55	2,510	2,500	2,490
Hungary.....	75	85	89	2.56	1.92	1.90	192	163	169
Poland.....	3,545	3,083	2,890	2.69	2.47	2.51	9,540	7,600	7,100
Romania.....	35	40	40	1.43	1.25	1.50	50	50	60
Yugoslavia.....	47	44	42	1.72	1.75	1.76	81	77	74
Total Eastern Europe.....	4,654	4,165	3,912				13,132	11,071	10,409
Total Europe.....	5,929	5,366	5,063				17,369	14,910	14,051
Soviet Union (Europe and Asia).	9,420	9,520	8,741	1.49	1.65	1.74	14,000	15,700	15,248
Africa:									
South Africa.....	33	33	33	.15	.15	.15	5	5	5
Total.....	33	33	33	.15	.15	.15	5	5	5
Asia:									
Turkey.....	260	235	235	1.39	1.49	1.53	360	350	360
Total.....	260	235	235	1.39	1.49	1.53	360	350	360
Oceania:									
Australia.....	46	40	45	.46	.53	.49	21	21	22
Total.....	46	40	45	.46	.53	.49	21	21	22
World total.....	16,621	16,008	14,871				33,398	32,231	30,975

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign Governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 23.—Rice, rough: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers ¹	Value of production ¹
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1972.....	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973.....	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974.....	2,550.0	2,531.0	4,440	112,386	1,043	111,343	11.50	1,261,359
1975.....	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976.....	2,489.0	2,480.0	4,663	115,648	378	115,270	7.02	811,358
1977.....	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978.....	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979.....	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980.....	3,380.0	3,312.0	4,413	146,150	(*)	(*)	12.80	1,873,007
1981.....	3,827.0	3,792.0	4,819	182,742	(*)	(*)	9.95	1,864,413
1982.....	3,285.0	3,262.0	4,710	153,637	(*)	(*)	8.11	1,246,808
1983.....	2,190.0	2,169.0	4,598	99,729	(*)	(*)	8.76	874,004
1984.....	2,830.0	2,802.0	4,964	138,810	(*)	(*)	8.06	1,119,373
1985.....	2,512.0	2,492.0	5,414	134,913	(*)	(*)	6.62	893,377
1986 ²	2,401.0	2,380.0	5,648	134,416	(*)	(*)	3.93	538,256

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

² Estimates discontinued.

³ Preliminary.

National Agricultural Statistics Service.

Table 24.—Rice, rough: Stocks on and off farms, United States, 1972-87

Year	On farms			Off farms ¹		
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....	10,924	3,531	133	49,776	29,104	8,291
1973.....	4,714	1,476	94	44,130	22,791	2,845
1974.....	7,729	1,536	77	44,485	23,175	3,877
1975.....	13,606	2,902	63	55,106	31,426	3,987
1976.....	24,713	12,800	657	66,333	50,451	20,688
1977.....	21,006	6,761	709	79,142	61,614	32,642
1978.....	8,269	3,167	586	68,813	49,898	20,542
1979.....	28,069	14,381	623	67,826	53,130	24,515
1980.....	31,021	12,030	362	72,897	55,368	19,530
1981.....	26,179	5,977	206	69,934	43,815	9,632
1982.....	48,404	26,907	4,453	82,980	63,473	26,934
1983.....	34,551	22,778	6,032	100,421	85,355	37,125
1984.....	30,681	15,802	1,250	84,028	63,964	28,458
1985.....	32,426	18,709	697	94,846	77,333	58,453
1986.....	36,737	22,232	2,031	106,249	93,965	68,916
1987 ²	³ 36,264	⁴ 19,561	984	⁵ 109,276	⁶ 87,225	44,510

¹ Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

² Preliminary.

³ Estimate for December 1, previous year.

⁴ Estimate for March 1.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 27

¹ Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors.

² Based on Bureau of Census reports. Estimates for 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

³ Results from losses in drying, storage, handling, and milling and from errors in estimation.

⁴ Less than 50,000 cwt.

⁵ Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 25.—Rice, by length of grain: Area, yield, and production, United States, 1973–86

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1973.....	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974.....	1,370.0	949.6	211.4	4,375	4,358	5,234	59,534	41,387	11,065
1975.....	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976.....	1,531.0	794.0	155.0	4,576	4,634	5,681	70,951	36,792	8,995
1977.....	1,467.0	595.0	187.0	4,340	4,415	5,746	62,206	26,272	10,745
1978.....	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979.....	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980.....	2,170.0	1,003.6	138.4	4,002	5,122	5,702	86,851	51,407	7,892
1981.....	2,482.0	1,150.2	159.8	4,449	5,547	6,770	110,426	61,497	10,819
1982.....	2,175.0	960.5	136.5	4,295	5,402	6,499	93,424	51,342	8,871
1983.....	1,543.0	511.0	115.0	4,168	5,360	6,969	64,318	27,388	8,014
1984.....	2,095.0	604.0	103.0	4,584	5,845	7,259	96,029	35,804	7,477
1985.....	1,942.0	470.5	79.5	5,168	6,050	7,650	100,367	28,464	6,082
1986 ¹	1,826.0	498.0	56.0	5,358	6,474	7,757	97,583	32,239	4,344

¹ Preliminary.

National Agricultural Statistics Service.

Table 26.—Rice, rough, by length of grain: Stocks in all positions, United States, 1973–87

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1973.....	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974.....	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,607	883	57
1975.....	36,398	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976.....	40,705	24,749	14,260	.....	40,575	31,990	13,579	3,851	9,766	6,542	3,506	1,868
1977.....	54,967	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978.....	42,641	28,929	9,624	.....	26,617	18,684	9,327	2,804	7,924	5,492	2,177	424
1979.....	54,785	36,222	11,049	.....	30,878	23,658	10,776	2,698	10,254	7,739	3,313	684
1980.....	62,318	40,062	10,515	.....	32,645	21,125	6,783	257	8,965	6,211	2,795	326
1981.....	54,909	27,132	4,869	.....	34,928	18,154	3,637	801	6,276	4,506	1,334	89
1982.....	72,440	44,208	14,578	.....	53,268	42,589	26,098	13,922	5,676	3,463	711	319
1983.....	71,051	50,339	21,335	170	56,340	52,754	37,795	21,990	7,581	5,940	4,027	1,890
1984.....	59,258	36,459	12,627	119	49,011	39,180	24,524	16,124	6,440	4,127	2,555	1,617
1985.....	74,691	56,393	34,517	2,111	44,807	33,907	21,194	12,408	7,774	5,742	3,439	1,671
1986.....	101,870	61,916	45,630	2,668	35,754	29,646	22,244	12,749	5,362	4,655	3,073	1,464
1987 ²	* 101,298	* 70,224	25,997	.....	* 38,964	* 32,779	19,084	.....	* 5,978	* 3,783	1,363	.....

¹ California only.² Preliminary.³ Estimate for December 1, previous year.⁴ Estimate for March 1.

National Agricultural Statistics Service.

Table 27.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1973–86¹

Year beginning August	Supply				Disappearance						Statistical discrepan- cies ^a	End- ing stock July 31
	Begin- ning stocks	Pro- duction	Im- ports	Total	Domestic use				Ex- ports ^a	Total disappear- ance		
					Food	Brew- ers use	Seed	Total				
	Million cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Million cwt.	Million cwt.	Mill- ion cwt.
1973.....	5.1	92.8	0.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8
1974.....	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975.....	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976.....	36.9	115.6	-1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977.....	40.5	99.2	-1	139.8	25.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978.....	27.4	133.2	-1	160.7	33.7	11.2	4.3	49.2	75.7	124.9	4.2	31.6
1979.....	31.6	131.9	-1	163.6	32.2	11.2	4.8	49.2	82.6	131.8	6.1	25.7
1980.....	25.7	146.2	2	172.1	38.4	11.0	5.1	54.5	91.4	145.9	9.7	16.5
1981.....	16.5	182.7	4	199.6	42.5	12.7	4.4	59.6	82.0	141.6	9.0	49.0
1982.....	49.0	153.6	7	203.3	37.3	13.5	3.2	54.0	69.9	122.9	8.9	71.5
1983.....	71.5	99.7	9	172.1	33.2	12.8	3.3	49.3	70.3	119.6	5.6	46.9
1984.....	46.9	138.8	1.6	187.3	35.8	13.9	2.8	52.5	62.1	114.6	8.0	64.7
1985.....	64.7	134.9	2.2	201.8	45.6	14.1	2.6	62.3	58.7	121.0	3.5	77.3
1986 ¹	77.3	134.4	2.3	214.0	53.3	14.1	2.6	70.0	80.0	150.0	6.0	58.0

See footnotes on page 19.

Table 28.—Rice, by length of grain: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
Long grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	1,024.0	979.0	955.0	4,520	5,150	5,290	46,320	50,712	50,522
CA.....	67.0	54.0	20.0	6,400	7,100	7,600	4,288	3,854	1,520
LA.....	239.0	324.0	307.0	4,100	4,450	4,580	13,899	14,418	14,061
MS.....	190.0	188.0	196.0	4,350	5,350	5,400	8,265	10,058	10,692
MO.....	72.0	71.0	65.0	4,600	4,810	5,130	3,358	3,415	3,335
TX.....	402.0	326.0	281.0	4,950	5,500	6,300	19,899	17,930	17,703
US.....	2,995.0	1,942.0	1,826.0	4,584	5,168	5,358	96,029	100,387	97,833
Medium grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	122.0	69.5	54.0	5,240	5,480	5,410	6,400	3,800	4,544
CA.....	285.0	258.0	285.0	7,200	7,220	7,690	20,520	18,628	21,917
LA.....	189.0	129.0	119.0	4,250	4,200	4,470	8,033	5,838	5,819
MO.....	2.0	1.0	2.0	4,500	4,800	4,950	90	48	90
TX.....	6.0	3.0	8.0	4,350	4,700	4,500	261	141	360
US.....	694.0	470.5	498.0	5,845	6,050	6,474	35,304	28,464	32,229
Short grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	4.0	1.5	1.0	4,500	5,070	5,400	180	76	54
CA.....	96.0	78.0	55.0	7,400	7,700	7,800	7,252	6,006	4,290
MO.....	1.0			4,500			45		
US.....	101.0	79.5	56.0	7,259	7,650	7,757	7,477	6,082	4,344

¹ Preliminary.

National Agricultural Statistics Service.

Table 29.—Rice: Area, yield, and production, by States, 1984-86

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	1,160.0	1,060.0	1,050.0	1,150.0	1,050.0	1,040.0	4,600	5,200	5,300	52,900	54,597	55,120
CA.....	458.0	395.0	363.0	450.0	390.0	360.0	7,120	7,300	7,700	32,060	28,468	27,727
LA.....	530.0	465.0	430.0	528.0	463.0	426.0	4,150	4,370	4,550	21,932	20,256	19,390
MS.....	195.0	190.0	200.0	190.0	188.0	198.0	4,350	5,350	5,400	8,265	10,058	10,692
MO.....	77.0	72.0	68.0	76.0	72.0	67.0	4,600	4,810	5,120	3,493	3,463	3,434
TX.....	410.0	330.0	290.0	408.0	329.0	289.0	4,940	5,490	6,250	20,160	18,071	18,063
US.....	2,830.0	2,512.0	2,401.0	2,802.0	2,492.0	2,380.0	4,954	5,414	5,648	188,810	194,913	194,416

¹ Preliminary.

National Agricultural Statistics Service.

Table 30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-87

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972			550				740	47			303	65
1973	1,142	1,774	500		2,281	1,770	278	10	84	333	348	10
1974	1,117	1,467	792		1,512	2,574	835	31	205	319	242	74
1975	1,697	1,185	421		1,130	1,233	660	130	224	773	293	87
1976	1,893	1,454	922		1,197	2,052	1,630	63	137	137	99	461
1977	1,802	2,140	1,618		742	1,453	1,667	222	410	162	367	186
1978	3,417	3,945	1,719		1,704	1,704	1,008	559	376	497	958	1,177
1979	3,349	2,757	2,302		795	1,722	706	380	720	525	144	207
1980	3,312	3,840	2,471		1,983	2,039	824	141	123	96	163	88
1981	3,909	4,146	1,747		1,702	2,731	1,595	154	67	109	409	418
1982	2,600	2,963	2,166		1,025	1,862	1,917	237	289	751	527	176
1983	3,715	3,865	3,157	22	1,027	1,779	1,957	420	458	124	105	70
1984	3,040	3,943	2,703	18	1,192	2,104	1,186	131	197	61	68	71
1985	3,255	4,049	2,218	31	1,245	917	624	1,061	50	89	113	83
1986	1,988	1,370	2,607	255	662	614	600	1,752	54	124	24	639
1987 ²	* 2,879	* 2,090	3,540		* 584	* 492	1,015		* 218	* 29	194	

Year	Broken kernels ³											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972			331	15			186				86	20
1973	528	686	329	39	49	180	104		215	142	47	8
1974	566	545	587	30	103	189	228		391	160	119	2
1975	731	830	672	34	141	112	37		369	136	81	27
1976	897	1,190	969	7	125	88	111		317	182	161	23
1977	1,121	1,293	1,002	35	75	430	154		193	218	348	27
1978	692	1,004	509	92	81	102	65		174	214	88	22
1979	952	1,285	1,025	180	112	139	68		211	277	337	69
1980	500	507	403	63	31	152	49		121	154	125	17
1981	684	591	930	276	65	86	43		113	169	131	24
1982	884	946	691	416	90	83	73		168	180	103	45
1983	759	847	394	186	85	125	119		175	212	164	32
1984	870	772	938	204	153	211	93		266	210	133	66
1985	874	586	605	147	99	106	66		402	371	216	60
1986	1,301	908	772	315	106	37	79		489	396	448	175
1987 ²	* 1,122	* 1,210	1,290		* 167	* 144	221		* 719	* 594	584	

¹ California only.² Preliminary.³ Estimates for December 1, previous year.⁴ Estimates for March 1.⁵ Screenings in California are included in second heads.

National Agricultural Statistics Service.

Table 31.—Rice: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per cwt. ¹			Value of production ¹		
	1984	1985	1986 **	1984	1985	1986 **
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AR.....	8.51	6.70	.....	450,179	265,800	.....
CA.....	6.43	5.33	.....	206,146	151,734	.....
LA.....	8.20	7.24	.....	179,842	146,653	.....
MS.....	8.88	7.10	.....	73,393	71,412	.....
MO.....	8.70	7.05	.....	30,384	24,414	.....
TX.....	8.90	7.38	.....	179,424	133,364	.....
US.....	8.06	6.62	3.93	1,119,373	893,377	528,256

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.

² State estimates not available.

³ Preliminary.

National Agricultural Statistics Service.

Table 32.—Rice, milled: United States exports under specified Government programs, 1972-85

Year ¹	Public Law 480			Mutual security (AID) ²	Total specified Government programs
	Title I sales	Title II donations			
	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....	21,253	722	4	2,721	24,700
1973.....	13,352			146	13,498
1974.....	16,342	113	11	2	16,468
1975.....	11,228			111	11,339
(*).....	(10,007)				(10,007)
1976.....	14,572	198	357	8	15,135
1977.....	10,275	1,045	345		11,665
1978.....	9,224	1,135	315		10,674
1979.....	8,889	1,888	1,087		11,864
1980.....	5,449	1,583	893		7,925
1981.....	6,603	1,254	378		8,235
1982.....	8,829	988	657	2	10,476
1983.....	6,443	2,006	1,780		10,229
1984.....	9,599	2,051	1,072		12,722
1985.....	5,700	480	711		6,891

¹ Year beginning July 1 for 1972-75 and Oct. 1 beginning 1976.

² Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.

³ Authorized by Title II, P.L. 480.

⁴ Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966.

Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.

⁵ Foreign Assistance Act of 1961, as amended.

⁶ Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 33.—Rice, rough: Price-support operations, United States, 1972-87

Marketing year beginning August	Support prices		Put under support ^a		Acquired by CCC under support program ^b	Owned by CCC ^c
	Per/cwt. loan/target	Percentage of parity ^d loan/target	Quantity	Percentage of production		
1972.....	5.27/—	65/—	22.9	26.8	(*)	2.7
1973.....	6.07/—	65/—	19.1	20.6		
1974.....	7.54/—	65/—	9.3	8.3	(*)	
1975.....	8.52/—	65/—	21.5	16.8	17.3	17.9
1976.....	6.19/8.25	46/61	23.4	20.2	1.8	19.1
1977.....	6.19/8.25	44/59	19.5	19.7	.6	18.5
1978.....	6.40/8.53	42/55	27.1	20.3	.3	10.8
1979.....	6.79/9.05	38/51	19.1	19.8	.4	8.3
1980.....	7.12/9.49	38/50	25.0	17.1		1.7
1981.....	8.01/10.68	39/51	42.8	23.4	17.5	
1982.....	8.14/10.85	39/51	65.8	42.4	6.5	17.5
1983.....	8.14/11.40	39/34	40.0	40.1	25.7	22.3
1984.....	8.00/11.90	39/58	57.8	41.6	31.9	25.0
1985.....	8.00/11.90	41/61	75.0	55.6	16.7	47.7
1986.....	7.20/11.90	37/62	* 132.0	58.2	* 15.0	* 43.6
1987.....	6.84/11.55					

¹ Percentage of parity price as of the beginning of the marketing year.² Includes loans made, purchases, and purchase agreements entered.³ Acquisitions through loan forfeitures, crop year basis.⁴ At beginning of market year.⁵ Less than 50,000 cwt.⁶ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 34.—Rice: United States exports (milled basis), by country of destination, 1984 and 1985

Country of destination	Year beginning August ¹		Country of destination	Year beginning August ¹	
	1984	1985		1984	1985
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	97,569	82,892	Indonesia.....	3,036	1,951
Mexico.....	316	1,126	Iran.....	0	0
Bahamas.....	5,678	6,276	Iraq.....	380,358	455,773
Dominican Republic.....	13	52,130	Korea, Rep. of.....	140	104
Haiti.....	3,761	11,488	Bangladesh.....	90,311	0
Jamaica.....	53,326	36,769	Saudi Arabia.....	240,819	174,276
Netherlands Antilles.....	8,781	11,642			
Chile.....	0	0	Total Asia, Middle East, and Oceania ²	801,384	558,156
Total Western Hemisphere ²	239,841	352,119	Guinea.....	22,068	48,919
Belgium-Luxembourg.....	133,079	94,366	Ivory Coast.....	1,668	2,722
France.....	8,638	4,159	Liberia.....	52,467	81,136
Germany, Fed. Rep. of.....	17,109	12,957	Nigeria.....	533	35
Netherlands.....	30,171	18,720	Senegal.....	59,076	91,630
Portugal.....	43,165	4,280	South Africa.....	89,586	61,367
Sweden.....	13,824	12,033	Total Africa ²	508,907	448,502
Switzerland.....	55,373	41,323	World total ²	1,961,103	1,880,454
United Kingdom.....	9,380	15,356			
Total Europe ²	410,874	221,677			

¹ Marketing year.² Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 35.—Rice, rough: Area, yield, and production in specified countries, 1984/85-1986/87 ¹

Continent and country	Area ^a			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Costa Rica.....	70	68	55	2.56	2.72	2.75	300	185	151
Cuba.....	155	155	155	3.39	3.36	3.36	525	520	520
Dominican Republic.....	117	102	85	4.05	4.23	4.13	474	431	351
El Salvador.....	15	17	14	4.13	4.29	3.86	62	73	54
Guatemala.....	19	16	12	2.53	2.56	2.92	48	41	35
Haiti.....	55	60	60	2.58	2.33	2.78	142	140	167
Honduras.....	18	13	13	4.33	4.31	4.15	78	56	54
Jamaica.....	2	2	4	2.50	2.50	3.25	5	5	13
Mexico.....	120	200	125	2.81	3.00	4.21	337	600	526
Nicaragua.....	45	45	45	2.78	3.11	3.11	125	140	140
Panama.....	105	100	100	1.91	1.79	1.72	200	179	172
Trinidad and Tobago.....	10	10	10	3.00	3.00	3.00	30	30	30
United States.....	1,134	1,013	963	5.55	6.09	6.33	6,296	6,171	6,097
Total	1,865	1,801	1,641				8,522	8,571	8,310
South America:									
Argentina.....	117	120	125	3.42	3.25	3.38	400	435	423
Bolivia.....	120	118	87	1.62	1.60	1.60	194	189	139
Brazil.....	5,090	5,100	6,290	1.80	1.77	1.89	9,000	9,000	10,500
Chile.....	39	32	35	3.35	3.34	3.94	154	122	135
Colombia.....	264	286	333	4.66	4.66	4.90	1,695	1,798	1,632
Ecuador.....	136	134	172	3.16	2.55	2.95	430	382	508
Guyana.....	90	90	95	2.50	2.56	2.95	225	230	280
Paraguay.....	32	35	35	2.06	1.49	2.00	66	52	70
Peru.....	300	190	144	4.59	3.74	4.15	918	710	597
Surinam.....	70	75	75	3.26	3.21	3.87	270	286	290
Uruguay.....	84	90	85	4.80	4.96	4.71	403	445	400
Venezuela.....	151	148	124	2.71	3.19	2.60	409	472	322
Total	6,403	6,528	7,510				14,164	14,123	15,299
Europe:									
France.....	9	12	12	3.89	5.25	5.00	35	63	60
Greece.....	16	16	16	5.69	7.25	6.38	91	116	102
Italy.....	180	187	193	5.82	5.75	5.72	1,011	1,076	1,108
Total EC	205	215	221				1,187	1,255	1,265
Portugal.....	30	30	31	4.47	4.93	4.87	134	148	151
Spain.....	73	74	79	5.99	6.20	6.25	437	459	494
Total Western Europe	308	319	331				1,708	1,862	1,910
Bulgaria.....	16	16	16	4.50	4.75	4.75	72	76	76
Hungary.....	13	15	15	2.54	3.20	3.20	33	48	48
Romania.....	32	30	40	3.36	3.03	3.55	111	91	154
Yugoslavia.....	9	10	9	4.00	3.60	4.67	36	36	42
Total Eastern Europe	71	71	80				252	251	320
Total Europe	379	390	411				1,960	2,113	2,230
Soviet Union (Europe and Asia).....	700	700	621	4.00	4.00	4.24	2,800	2,800	2,633
Africa:									
Algeria.....	1	1	1	1.00	1.00	1.00	1	1	1
Angola.....	18	15	20	1.11	1.11	1.10	20	20	22
Benin.....	11	11	8	1.36	1.36	1.38	15	15	11
Cameroon.....	27	27	28	2.78	3.07	3.04	75	83	85
Chad.....	35	30	13	.43	.97	1.15	15	29	15
Egypt.....	412	389	459	5.66	5.94	5.95	2,330	2,312	2,731
Gambia.....	25	25	20	1.08	1.28	1.50	27	32	30
Ghana.....	57	60	80	1.72	1.50	1.50	98	90	120
Guinea.....	400	400	585	1.00	1.00	.90	400	431	525
Guinea-Bissau.....	45	45	140	2.02	1.56	.86	91	70	120
Ivory Coast.....	411	520	380	1.25	1.27	1.21	514	660	459
Kenya.....	9	9	9	3.67	4.00	4.22	33	36	38
Liberia.....	225	220	240	1.32	1.22	1.24	298	280	297
Madagascar.....	1,190	1,175	1,155	1.79	1.80	1.89	2,131	2,112	2,180
Mali.....	150	150	150	.69	1.20	1.21	103	180	182
Mauritania.....	3	3	6	1.00	1.00	3.17	3	3	19
Morocco.....	2	1	5	2.50	2.00	3.60	5	2	18
Mozambique.....	70	70	70	.36	.64	.37	25	45	61
Niger.....	30	30	30	1.70	1.67	2.03	51	50	61
Nigeria.....	670	700	650	2.02	2.04	1.56	1,353	1,428	1,015

See footnotes at end of table.

Table 35.—Rice, rough: Area, yield, and production in specified countries, 1984/85–1986/87¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1984/ 85	1985/ 86	1986/ 87 ³	1984/ 85	1985/ 86	1986/ 87 ³	1984/ 85	1985/ 86	1986/ 87 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Senegal	66	75	75	2.06	1.49	1.79	136	112	134
Sierra Leone	425	425	425	1.06	1.18	1.14	450	500	485
Somali Rep.	2	2	7	2.00	2.20	2.57	4	10	18
Swaziland	2	2	2	2.50	2.50	2.50	5	5	5
Sudan	7	7	7	1.43	1.43	1.43	10	10	10
Togo	20	30	21	.85	.85	.86	17	17	18
Tanzania	155	155	340	1.61	1.77	1.48	250	275	504
Upper Volta	25	25	20	1.48	1.84	1.55	37	46	31
Zaire	288	292	340	.95	.97	.88	274	282	298
Zambia	7	7	12	1.14	1.14	1.00	8	8	12
Total	4,788	4,904	5,296				8,779	9,144	9,505
Asia:									
Afghanistan	230	230	225	2.09	2.09	2.02	480	480	454
Bangladesh	10,220	10,430	10,497	2.15	2.22	2.26	21,932	23,147	23,746
Burma	4,700	4,700	4,700	3.15	3.17	3.15	14,800	14,880	14,800
Brunei	3	3	3	2.33	2.33	2.00	7	7	6
Cambodia	1,450	1,450	1,450	.97	.97	.97	1,400	1,400	1,400
China	33,178	31,400	32,283	5.37	5.37	5.30	178,255	168,479	171,126
Taiwan	587	573	538	5.02	4.98	4.64	2,945	2,851	2,497
India	41,159	41,200	41,000	2.14	2.22	2.20	87,963	91,509	90,009
Indonesia	9,764	9,831	9,781	3.91	3.97	3.93	38,137	39,025	38,425
Iran	312	312	310	4.49	4.49	4.40	1,400	1,400	1,364
Iraq	53	50	50	1.79	1.50	2.92	95	75	146
Japan	2,315	2,342	2,303	6.41	6.22	6.32	14,848	14,577	14,559
Korea, Dem. Peo. Rep. of	890	890	820	6.25	6.25	6.35	5,000	5,000	5,217
Korea, Rep. of	1,231	1,232	1,230	6.47	6.35	6.37	7,970	7,855	7,872
Laos	725	730	730	1.66	1.84	1.99	1,200	1,346	1,450
Malaysia	626	615	635	2.74	2.87	2.93	1,713	1,762	1,863
Nepal	1,275	1,275	1,350	2.12	2.12	1.77	2,700	2,700	2,987
Pakistan	1,996	1,850	2,062	2.49	2.40	2.54	4,973	4,440	5,245
Philippines	3,222	3,408	3,471	2.55	2.55	2.69	8,200	8,090	9,351
Saudi Arabia	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka	886	864	824	2.72	3.06	3.10	2,412	2,660	2,550
Thailand	9,400	9,585	9,300	1.99	2.01	1.96	18,700	19,250	18,000
Turkey	75	75	70	3.60	3.60	3.63	270	270	254
Vietnam, Soc. Rep. of	5,700	5,700	5,750	2.70	2.63	2.70	15,400	15,000	15,538
Total	129,910	128,661	129,289				430,803	426,906	428,262
Oceania:									
Australia	126	113	93	6.96	6.20	6.34	864	701	590
Total	126	113	93				864	701	590
World total	144,171	143,097	144,863				467,892	464,258	466,829

¹ Crop year beginning Aug. 1. Crops harvested in the Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 36.—Rice, milled equivalent: ¹ International trade, 1984-86²

Continent and country	1984		1985		1986 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada.....		115		115		115
El Salvador.....		5		6		5
Honduras.....		5				
Mexico.....		168		164		75
Nicaragua.....		10				15
Panama.....	5					
United States.....	1,961	50	1,850	60	2,399	70
Cuba.....		184		200		200
Jamaica.....		50		50		60
Trinidad and Tobago.....		55		55		55
Other.....	15	5		25	10	170
Total.....	1,981	647	1,860	675	2,399	765
South America:						
Argentina.....	115		165		145	
Brazil.....				400		1,200
Guyana.....	47		35			35
Chile.....		8		3		10
Colombia.....	25		25		35	
Ecuador.....	15	31	15	31	5	70
Peru.....	48		50	5		186
Surinam.....	130		130		130	
Uruguay.....	155		231		280	
Venezuela.....						
Other.....	20	10	20		20	
Total.....	555	49	671	439	615	1,501
Europe:						
Austria.....		45		45		45
Belgium-Luxembourg.....	140	190	137	185	140	190
Denmark.....		14		14		15
France.....	48	229	43	266	15	230
Germany, Fed. Rep. of.....	44	179	40	194	40	190
Greece.....	6	7	25	10	20	5
Italy.....	402	113	512	138	700	240
Netherlands.....	100	165	100	165	110	100
Norway.....		10		10		10
Portugal.....		102		102		100
Spain.....	92	30	50	15	55	24
Sweden.....		23		28		30
Switzerland.....		25		25		25
United Kingdom.....	2	203		190		190
Other.....		30		30		30
Total Western Europe.....	834	1,365	907	1,409	1,080	1,494
Germany, Dem. Rep. of.....		50		43		25
Hungary.....		64		50		55
Poland.....		104		103		100
Romania.....		60		44		40
Yugoslavia.....		13		20		30
Soviet Union.....	100	150	100	150	100	200
Other.....		75		75		80
Total Eastern Europe.....	100	516	100	485	100	530
Africa:						
Algeria.....		25		25		25
Angola.....		45		50		50
Zaire.....		40		45		45
Gambia.....		48		50		45
Ghana.....		60		40		60
Guinea.....		92		100		110
Ivory Coast.....		368		162	5	375
Liberia.....		90		70		80
Madagascar.....		99		170		150

See footnotes at end of table.

Table 36.—Rice, milled equivalent:¹ International trade, 1984-86²—Continued

Continent and country	1984		1985		1986 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued						
Mauritius.....		104		90		100
Mozambique.....		110		120		125
Nigeria.....	10	450		370		200
Senegal and Mauritania.....		435		450		465
Sierra Leone.....		74		112		95
South Africa.....		186		170		195
Egypt.....	50		16		50	50
Tanzania.....		60		40		50
Other.....	5	485	5	586	5	625
Total.....	65	2,771	21	2,650	60	2,845
Asia:						
Bangladesh.....		588		254		90
Saudi Arabia.....		530		500		500
Israel.....		56		60		65
Jordan.....		55		55		60
Lebanon.....	1	25		25		25
Turkey (Europe and Asia).....		85		80		80
Iraq.....		490		475		500
Syria.....		130		130		130
Iran.....		600		750		700
Burma.....	727		450		636	
Sri Lanka.....		40		195		150
China.....	1,168	100	1,010	100	950	250
Taiwan.....	210		40		275	5
Hong Kong.....	5	366	5	370	5	370
India.....	200	560	200	10	200	10
Kampuchea.....		150		50		50
Laos.....	4	156		40		20
Vietnam, Soc. Rep. of.....	150	300	50	400	50	500
I. Jonesia.....		287	292	40	300	40
Japan.....	102	152		19		20
Korea, Rep. of.....	135	7				
Malaysia, Dem. People's Rep.....	250		250		250	290
Singapore.....	5	437		425		325
Pakistan.....	1,050	199	962	200	1,148	200
Philippines.....		212		528		150
Thailand.....	4,528		3,993		4,338	
Other.....	60	417	70	460	15	475
Total.....	8,595	6,042	7,427	5,156	8,172	4,915
Oceania:						
Australia.....	370	1	450	9	400	5
Other.....		110		110		115
Total.....	370	111	450	119	400	120
Other countries.....	100	1,132	95	1,276		465
World total.....	12,600	12,633	11,531	12,209	12,826	12,615

¹ Includes milled, semi-milled, broken, and rough rice in terms of milled.² Calendar year.³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 37.—Food grains: Average price, selected markets and grades, 1972-85¹

Crop year ²	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum	Wheat, No. 1 Dark Northern Spring, 14% protein ³	Rye, No. 2		
	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel
1972.....	2.33	2.38	n.a.	2.33	2.22	1.11	2.48	2.24
1973.....	4.51	4.56	n.a.	6.40	5.93	2.51	4.71	4.51
1974.....	4.20	4.64	4.12	6.53	4.85	2.89	4.44	4.11
1975.....	3.74	4.16	3.52	5.05	4.42	2.84	3.88	3.46
1976.....	2.88	3.18	2.70	3.19	3.35	2.87	3.10	2.77
1977.....	2.72	2.81	2.54	3.31	2.88	2.53	3.09	2.54
1978.....	3.38	3.41	3.34	3.60	3.35	2.44	3.73	3.43
1979.....	4.25	4.34	4.04	4.99	4.21	2.47	4.22	4.10
1980.....	4.45	4.50	4.23	6.39	4.71	3.35	4.36	4.39
1981.....	4.27	4.30	3.67	4.21	4.29	3.80	4.20	3.66
1982.....	3.94	4.13	3.53	3.96	4.09	2.75	4.59	3.32
1983.....	3.84	4.14	3.58	4.57	4.30	2.50	3.95	3.62
1984.....	3.74	3.93	3.49	4.26	4.06	2.26	3.82	3.57
1985.....	3.28	3.62	3.16	3.45	3.94	2.32	3.72	3.26

Crop year ²	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S. W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	Dollars per bushel	Dollars per bushel	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
1972.....	2.20	1.92	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973.....	4.84	4.00	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974.....	4.16	3.76	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975.....	3.54	3.33	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976.....	2.81	2.38	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977.....	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978.....	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979.....	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40
1980.....	4.33	3.78	23.45	22.51	22.92	22.51	22.62	.....	22.81
1981.....	3.74	3.61	22.10	19.20	20.25	19.44	20.20	.....	21.30
1982.....	3.33	3.44	16.05	16.90	18.00	16.80	17.80	.....	18.70
1983.....	3.56	3.36	15.96	17.50	18.64	17.34	18.65	.....	19.88
1984.....	3.51	3.31	15.45	16.05	17.75	16.25	17.70	.....	18.60
1985.....	3.22	2.96	14.35	14.75	16.15	15.25	16.15	.....	16.80

¹ Simple average of daily prices.² For wheat and rye, crop year began in July for 1972, June for 1973-85. For rice, crop year begins in August.³ For 1972, 13% protein.

n.a. not available

Agricultural Marketing Service.

Table 38.—Corn: Area, yield, production, dis

Year	Area planted, all purposes	Corn for grain			
		Area harvested	Yield per harvested acre	Production	Used on farms where produced
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels
1972.....	67,126	57,513	97.0	5,579,832	2,328,020
1973.....	72,253	62,143	91.3	5,670,712	2,217,479
1974.....	77,935	65,405	71.9	4,701,402	1,754,683
1975.....	78,719	67,525	86.4	5,840,757	2,121,068
1976.....	84,588	71,506	88.0	6,289,169	2,329,332
1977.....	84,328	71,614	90.8	6,505,041	2,548,330
1978.....	81,675	71,930	101.0	7,267,927	2,835,821
1979.....	81,394	72,400	109.5	7,928,139	2,976,268
1980.....	84,043	72,961	91.0	6,639,396	(*)
1981.....	84,097	74,524	108.9	8,118,650	(*)
1982.....	81,857	72,719	113.2	8,235,101	(*)
1983.....	80,217	51,483	81.1	4,174,678	(*)
1984.....	80,543	71,915	106.7	7,674,020	(*)
1985.....	83,448	75,224	118.0	8,876,706	(*)
1986 ⁴	76,674	69,189	119.3	8,252,834	(*)

¹ Includes allowance for loans outstanding and purchases by the government valued at 10 cents per bushel of grain. ² Estimate discontinued. ³ Preliminary. ⁴ Preliminary.
National Agricultural Statistics Service.

Production, disposition, and value, United States, 1972-86

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Production on where aced	Corn for grain			Corn for silage		
	Sold	Season average price per bushel ¹	Value of production ¹	Area harvested	Yield per harvested acre	Production ²
	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 acres
28,020	3,251,812	1.57	8,743,036	8,351	13.1	109,343
17,479	3,543,233	2.55	14,462,744	9,023	12.7	114,267
54,693	2,946,709	3.02	14,231,557	10,844	10.7	115,705
21,068	3,719,669	2.54	14,817,840	9,848	11.8	116,067
29,332	3,969,837	2.15	13,524,134	11,281	10.5	118,547
48,330	3,955,711	2.02	13,107,420	9,314	12.6	117,743
35,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132
76,268	4,962,551	2.52	19,876,655	7,989	14.4	114,799
(*)	(*)	3.11	20,554,147	9,299	12.0	111,990
(*)	(*)	2.50	20,200,261	8,307	14.2	117,891
(*)	(*)	2.68	22,039,409	8,252	14.3	117,782
(*)	(*)	3.25	13,534,930	7,814	12.3	96,347
(*)	(*)	2.62	20,064,595	7,541	13.9	104,590
(*)	(*)	2.37	21,029,100	7,160	14.4	102,753
(*)	(*)	1.49	12,387,438	6,244	14.2	88,510

based at the average loan and purchase rate, by States, where applicable. ² Includes hogged or Preliminary.

GRAIN AND FEED, 1987

Table 39.—Corn: Stocks on and off farms, United States, 1972-87

Year	On farms				Off farms ^a			
	Jan. 1	Apr. 1	June 1 ¹	Oct. 1 ²	Jan. 1	Apr. 1	June 1 ¹	Oct. 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974	3,371,270	2,020,061	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	168,193
1976	3,293,242	1,922,759	1,292,185	235,193	1,270,300	912,996	576,640	166,459
1977	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978	3,873,823	2,549,170	1,872,359	666,727	1,678,678	1,360,245	986,779	444,708
1979	4,637,662	3,177,898	2,318,006	794,465	1,681,036	1,322,484	969,208	509,460
1980	5,035,688	3,437,303	2,551,625	920,453	1,844,484	1,416,321	1,092,648	606,597
1981	4,138,902	2,639,578	1,817,256	489,881	1,717,844	1,246,494	956,199	544,388
1982	4,986,266	3,591,813	2,734,195	1,243,331	1,934,336	1,506,394	1,145,921	930,673
1983	5,935,986	4,241,717	3,093,509	1,510,394	2,268,706	1,956,269	1,630,375	1,009,545
1984	3,079,953	1,933,652	1,213,068	347,853	1,832,904	1,317,558	932,007	375,870
1985	4,804,054	2,833,906	2,007,829	678,947	1,560,171	1,181,736	827,701	701,780
1986	5,528,606	3,961,992	3,143,067		2,266,162	1,965,087	1,846,970	
Year beginning previous December	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1
1987 ⁴	6,795,500	5,024,000	3,491,800		3,508,605	3,224,193	2,839,879	

¹ Prior to 1976, estimates are for July 1.² Old crop only.³ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.⁴ Preliminary.

National Agricultural Statistics Service.

Table 40.—Corn: Supply and disappearance, United States, 1972-86 ¹

Year beginning October	Supply				Disappearance				Ending stocks Sept. 30			
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Private-ly held ²	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1972	1,127	5,580	1	6,708	4,292	450	4,742	1,258	6,000	629	79	708
1973	708	5,671	1	6,380	4,181	472	4,653	1,243	5,896	477	7	484
1974	484	4,701	2	5,187	3,181	496	3,677	1,149	4,826	361	0	361
1975	558	5,841	2	6,401	3,569	521	4,090	1,678	5,768	633	0	633
1976	633	6,299	3	6,925	3,590	542	4,132	1,657	5,789	1,136	0	1,136
1977	1,135	6,505	3	7,643	3,717	581	4,298	1,909	6,207	1,432	4	1,436
1978	1,436	7,268	1	8,705	4,264	607	4,871	2,124	6,995	1,609	101	1,710
1979	1,710	7,928	1	9,639	4,550	640	5,190	2,415	7,605	1,774	260	2,034
1980	2,034	6,639	1	8,674	4,156	718	4,874	2,408	7,282	1,150	242	1,392
1981	1,392	8,119	1	9,512	4,169	796	4,965	2,010	6,975	2,257	280	2,537
1982	2,537	8,285	1	10,773	4,522	894	5,416	1,834	7,250	2,580	1,143	3,523
1983	3,523	4,175	3	7,701	3,818	975	4,793	1,902	6,695	805	201	1,006
1984	1,006	7,674	4	8,684	4,090	1,091	5,171	1,965	7,036	1,439	225	1,664
1985	1,648	8,877	11	10,536	4,095	1,160	5,255	1,241	6,496	3,494	546	4,040
1986 ²	4,040	8,253	3	12,296	4,501	1,180	5,681	1,375	7,056	3,540	1,700	5,240

¹ 1975 to date revised based on new crop year, Sept. 1-Aug. 31.² Includes total Government loans (original and resale).³ Preliminary.

Economic Research Service.

Table 41.—Corn: Area, yield, and production, by States, 1984-86

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	450	370	340	385	325	270	65.0	75.0	57.0	25,025	24,375	15,390
AZ.....	32	29	37	26	21	24	125.0	105.0	110.0	3,250	2,205	2,640
AR.....	55	80	90	49	73	80	95.0	106.0	106.0	4,655	7,884	8,480
CA.....	570	550	500	375	320	250	136.0	145.0	152.0	51,000	46,400	38,000
CO.....	840	875	820	680	745	710	134.0	139.0	140.0	91,120	103,555	99,400
CT ²	64	67	57									
DE.....	160	185	180	150	175	169	113.0	109.0	83.0	16,950	19,075	14,027
FL.....	250	240	200	210	190	160	65.0	65.0	62.0	13,650	12,350	9,920
GA.....	1,080	1,080	960	985	975	730	82.0	84.0	58.0	80,770	81,900	42,340
ID.....	165	175	190	75	80	60	118.0	125.0	130.0	8,850	10,000	7,900
IL.....	11,200	11,600	10,600	10,940	11,370	10,400	114.0	135.0	135.0	1,247,160	1,534,950	1,404,000
IN.....	6,200	6,300	5,850	6,030	6,150	5,700	117.0	123.0	122.0	705,510	756,450	695,400
IA.....	13,400	13,900	12,300	12,900	13,550	12,050	112.0	126.0	135.0	1,444,800	1,707,300	1,626,750
KS.....	1,150	1,300	1,450	955	1,170	1,335	125.0	130.0	136.0	119,375	152,100	181,560
KY.....	1,650	1,740	1,730	1,460	1,560	1,520	100.0	102.0	92.0	146,000	159,120	139,840
LA.....	95	220	400	82	205	385	115.0	114.0	116.0	9,430	23,370	44,660
ME ²	42	44	41									
MD.....	685	745	700	590	640	580	118.0	110.0	73.0	69,620	70,400	42,340
MA ²	45	46	43									
MI.....	3,050	3,100	2,800	2,620	2,730	2,450	84.0	105.0	105.0	220,080	286,650	257,250
MN.....	7,250	7,300	6,400	6,440	6,300	5,800	107.0	115.0	122.0	689,080	724,500	707,600
MS.....	120	160	210	70	115	180	70.0	68.0	75.0	4,900	7,820	13,500
MO.....	2,100	2,600	2,550	1,930	2,480	2,420	80.0	110.0	116.0	154,400	272,800	280,720
MT.....	90	84	80	15	11	13	92.0	95.0	115.0	1,380	1,045	1,495
NE.....	7,400	7,800	7,300	6,950	7,450	7,000	116.0	128.0	128.0	806,200	953,600	896,000
NH ²	27	28	28									
NJ.....	140	140	135	109	114	104	107.0	110.0	107.0	11,663	12,540	11,128
NM.....	87	92	80	63	65	55	150.0	155.0	150.0	9,450	10,075	8,250
NY.....	1,350	1,380	1,220	670	720	650	91.0	95.0	99.0	60,970	68,400	64,350
NC.....	1,800	1,820	1,600	1,620	1,625	1,360	90.0	79.0	69.0	145,800	128,375	93,840
ND.....	970	1,000	880	630	560	530	66.0	72.0	93.0	41,580	40,320	49,290
OH.....	4,150	4,250	3,900	3,900	4,030	3,720	118.0	127.0	128.0	460,200	511,810	476,160
OK.....	75	80	70	50	58	45	105.0	106.0	116.0	5,250	6,148	5,220
OR.....	75	70	60	42	40	30	159.0	165.0	160.0	6,678	6,600	4,800
PA ²	1,780	1,780	1,670	1,350	1,380	1,240	110.0	110.0	103.0	148,500	151,800	127,720
RI ²	4	4	4									
SC.....	490	560	550	447	520	460	78.0	88.0	46.0	34,866	45,760	21,160
SD.....	3,400	3,510	3,300	2,780	3,000	2,850	67.0	84.0	82.0	186,260	252,000	233,700
TN.....	850	950	910	690	810	770	95.0	96.0	74.0	65,550	79,380	56,980
TX.....	1,680	1,550	1,400	1,550	1,490	1,330	93.0	105.0	112.0	144,150	156,450	148,960
UT.....	82	80	72	16	16	18	118.0	115.0	125.0	1,888	1,840	2,250
VT ²	113	110	102									
VA.....	750	740	730	540	550	400	104.0	99.0	54.0	56,160	54,450	21,600
WA.....	200	190	170	150	135	120	155.0	160.0	170.0	23,250	21,600	28,400
WV.....	115	110	95	81	73	70	100.0	105.0	90.0	8,100	7,665	6,300
WI.....	4,150	4,300	3,900	3,250	3,350	3,100	106.0	107.0	118.0	344,500	358,450	365,800
WY.....	112	114	90	60	53	51	100.0	98.0	114.0	6,000	5,194	5,814
US.....	80,543	83,448	76,874	71,915	75,224	69,189	106.7	118.0	119.3	7,674,020	8,876,706	8,252,834

¹ Preliminary.² All acreage harvested is for silage.

National Agricultural Statistics Service.

Table 42.—Corn: Utilization for silage and forage, by States, 1984-86

State	Silage								
	Area harvested			Yield per acre			Production		
	1984	1985	1986 ^a	1984	1985	1986 ^a	1984	1985	1986 ^a
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	42	30	25	10.5	12.0	9.0	441	360	225
AZ.....	6	8	13	25.0	23.0	25.0	150	184	325
AR.....	4	4	9	11.0	12.0	14.0	44	48	126
CA.....	190	225	243	21.0	22.0	24.0	3,990	4,950	5,832
CO.....	157	128	95	22.0	23.0	22.0	3,454	2,944	2,090
CT.....	56	58	51	17.5	18.0	20.0	980	1,044	1,029
DE.....	8	7	9	16.0	15.0	11.0	128	105	99
FL.....	20	20	15	13.5	14.0	13.0	270	280	195
GA.....	56	48	40	14.0	14.5	9.0	784	696	360
ID.....	88	93	69	21.0	21.5	23.0	1,848	2,000	1,587
IL.....	220	185	160	14.0	16.0	16.0	3,080	2,960	2,560
IN.....	136	125	120	16.0	16.0	17.0	2,176	2,000	2,040
IA.....	395	300	200	15.0	16.0	17.0	5,925	4,800	3,400
KS.....	170	114	95	15.5	14.5	16.0	2,635	1,653	1,520
KY.....	170	165	190	15.0	16.0	14.0	2,550	2,640	2,660
LA.....	11	9	10	13.0	12.0	12.0	143	108	120
ME.....	34	36	34	13.0	16.0	14.0	442	576	476
MD.....	92	102	115	16.0	15.0	9.0	1,472	1,530	1,035
MA.....	40	39	36	15.5	19.0	18.0	620	741	648
MI.....	400	340	320	11.0	13.5	13.5	4,400	4,590	4,320
MN.....	700	750	450	12.0	12.5	13.5	8,400	9,375	6,075
MS.....	43	40	30	13.0	13.5	12.0	559	540	240
MO.....	130	100	80	11.0	13.5	13.5	1,430	1,350	1,080
MT.....	69	69	63	18.0	19.0	19.0	1,242	1,311	1,197
NE.....	365	300	290	15.0	16.5	15.5	5,475	4,950	3,100
NH.....	24	25	25	16.0	18.0	18.5	384	450	463
NJ.....	27	24	27	15.0	16.5	15.5	405	396	419
NM.....	20	25	22	24.0	23.0	20.0	480	575	440
NY.....	665	640	540	13.5	14.0	14.5	8,978	8,960	7,830
NC.....	140	146	130	16.0	15.0	7.5	2,240	2,190	975
ND.....	323	360	300	5.8	5.4	7.5	1,873	1,944	2,250
OH.....	220	290	180	16.0	17.0	17.0	3,520	3,400	2,720
OK.....	25	20	15	18.0	17.0	17.0	414	340	255
OR.....	30	28	29	24.0	24.0	24.0	720	672	696
PA.....	420	395	420	16.5	16.5	15.0	6,930	6,518	6,300
RI.....	4	4	4	19.0	17.0	19.0	76	68	76
SC.....	35	35	45	14.0	14.0	7.0	490	490	315
SD.....	500	420	370	7.1	7.3	7.5	3,550	3,065	2,775
TN.....	135	125	130	17.0	16.0	12.0	2,295	2,000	1,560
TX.....	55	40	55	20.0	18.5	18.5	1,100	740	1,018
UT.....	62	61	52	20.5	20.0	19.5	1,271	1,220	1,014
VT.....	97	95	90	14.0	14.5	14.0	1,358	1,378	1,260
VA.....	200	180	300	15.0	15.0	10.0	3,000	2,700	3,000
WA.....	50	55	50	23.0	22.0	24.0	1,150	1,210	1,200
WV.....	31	31	22	17.0	17.0	14.0	527	527	308
WI.....	830	900	700	12.5	12.5	14.0	10,375	11,250	10,640
WY.....	48	56	36	17.0	16.5	18.5	816	924	666
US.....	7,541	7,160	6,244	13.9	14.4	14.2	104,590	102,753	88,510

^a Includes hogged or grazed and that cut and fed without removing grain.^b Preliminary.

National Agricultural Statistics Service.

Table 43.—Corn for grain: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	2.85	2.32	1.85	71,321	56,550	28,472
AZ.....	3.14	2.83	2.30	10,205	6,240	6,072
AR.....	2.88	2.45	1.70	13,406	19,316	14,416
CA.....	3.40	3.00	2.25	173,400	139,200	85,500
CO.....	2.66	2.41	1.60	242,379	249,568	159,040
DE.....	2.95	2.49	1.80	50,003	47,497	25,249
FL.....	3.05	2.55	1.95	41,633	31,493	19,344
GA.....	2.99	2.49	1.90	241,502	203,931	80,446
ID.....	2.80	2.60	1.80	24,780	26,000	14,040
IL.....	2.65	2.42	1.50	3,304,974	3,714,579	2,106,000
IN.....	2.60	2.33	1.50	1,834,326	1,762,529	1,043,100
IA.....	2.50	2.33	1.40	3,612,000	3,978,009	2,277,450
KS.....	2.77	2.43	1.55	330,669	369,603	281,418
KY.....	2.82	2.47	1.70	411,720	393,026	237,728
LA.....	3.35	2.60	1.85	31,591	82,621	82,621
MD.....	2.93	2.48	1.80	203,987	174,592	76,212
MI.....	2.56	2.30	1.40	563,405	659,295	360,150
MN.....	2.45	2.25	1.40	1,688,246	1,630,125	990,640
MS.....	3.40	2.89	2.00	16,660	22,600	27,000
MO.....	2.68	2.34	1.40	413,792	638,352	393,008
MT.....	3.09	2.80	2.10	4,264	2,926	3,140
NE.....	2.56	2.38	1.55	2,063,572	2,269,588	1,388,800
NJ.....	2.80	2.35	2.00	32,656	29,469	22,256
NM.....	2.97	2.68	1.70	28,067	27,001	14,025
NY.....	2.85	2.47	1.70	173,765	168,948	109,395
NC.....	2.80	2.53	1.75	406,240	324,789	164,220
ND.....	2.54	2.35	1.35	105,613	94,752	66,542
OH.....	2.59	2.33	1.50	1,191,918	1,192,517	714,240
OK.....	3.10	2.70	1.90	16,275	16,600	9,918
OR.....	3.05	2.68	1.80	20,368	17,688	8,640
PA.....	2.83	2.52	1.80	420,255	382,536	229,896
SC.....	2.75	2.28	1.65	95,882	104,333	34,914
SD.....	2.44	2.20	1.35	454,474	554,400	315,495
TN.....	2.90	2.44	1.60	190,095	193,687	91,168
TX.....	3.03	2.55	1.85	436,775	399,948	275,576
UT.....	3.15	2.90	2.30	5,947	5,152	5,175
VA.....	2.90	2.53	1.75	162,564	137,759	37,800
WA.....	3.00	2.66	1.85	69,750	57,456	37,740
WV.....	2.71	2.55	1.45	21,951	19,546	9,135
WI.....	2.57	2.33	1.45	885,365	835,189	530,410
WY.....	2.70	2.42	1.90	16,200	12,569	11,047
US.....	2.62	2.37	1.49	20,084,596	21,029,100	12,387,438

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.² Preliminary.

National Agricultural Statistics Service.

Table 44.—Corn: Area, yield, and production in specified countries, 1984/85–1986/87¹

Continent and country	Area ^a			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Canada.....	1,192	1,197	1,087	5.89	6.18	6.16	7,024	7,393	6,694
Costa Rica.....	61	64	65	1.09	1.63	1.54	108	104	100
Cuba.....	77	77	77	1.23	1.23	1.23	96	96	96
Dominican Republic.....	58	60	70	1.64	1.67	1.64	96	100	115
El Salvador.....	243	253	237	2.14	1.97	1.79	521	498	437
Guatemala.....	706	650	618	1.56	1.74	1.67	1,100	1,123	1,030
Haiti.....	290	100	175	.90	.90	.91	180	90	160
Honduras.....	368	368	324	1.38	1.28	1.54	506	472	500
Jamaica.....	4	4	13	1.25	1.25	.54	5	5	7
Mexico.....	6,300	6,300	6,000	1.57	1.61	1.67	9,900	10,000	10,000
Nicaragua.....	170	170	170	1.03	1.12	1.12	175	190	190
Panama.....	70	70	75	.73	1.00	1.28	51	70	96
Trinidad and Tobago.....	3	3	3	1.67	1.67	1.67	5	5	5
United States.....	29,103	30,406	28,000	6.70	7.41	7.49	194,929	225,182	209,632
Total.....	38,555	39,622	36,934				214,689	245,337	229,061
South America:									
Argentina.....	3,250	3,500	3,100	3.43	3.71	3.07	11,500	13,000	9,500
Bolivia.....	322	350	310	1.52	1.54	1.53	489	540	475
Brazil.....	12,000	12,000	13,500	1.83	1.58	1.96	22,000	19,000	26,500
Chile.....	130	105	90	5.39	5.24	6.00	700	550	540
Colombia.....	586	600	592	1.46	1.48	1.33	857	886	788
Ecuador.....	161	140	169	1.85	2.00	1.60	298	290	270
Guyana.....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay.....	400	350	400	1.13	1.00	1.33	450	350	530
Peru.....	390	340	418	1.99	2.00	1.91	776	680	800
Uruguay.....	110	150	150	1.14	1.10	1.10	125	165	165
Venezuela.....	331	480	504	1.84	1.88	2.18	609	900	1,100
Total.....	17,785	18,020	19,238				37,809	36,356	40,673
Europe:									
Belgium-Luxembourg.....	8	7	8	6.63	7.29	6.63	53	51	53
France.....	1,730	1,856	1,868	6.00	6.63	6.06	10,384	12,300	11,250
Germany, Fed. Rep. of.....	182	178	187	5.64	6.76	6.96	1,026	1,204	1,302
Greece.....	205	203	201	9.71	8.37	9.55	1,990	1,700	1,920
Italy.....	962	910	866	7.64	6.98	7.51	6,776	6,350	6,500
Netherlands.....	1			1.90			1		
Total EC.....	3,088	3,154	3,120				20,230	21,605	21,025
Austria.....	207	208	217	7.45	8.30	8.02	1,542	1,727	1,740
Portugal.....	319	330	292	1.51	1.59	1.94	483	526	567
Spain.....	436	516	525	5.75	6.22	6.49	2,505	3,209	3,405
Switzerland.....	18	17	23	7.00	9.24	6.48	126	157	149
Total Western Europe.....	4,068	4,225	4,177				24,886	27,224	26,686
Albania.....	90	90	90	4.00	4.00	4.00	360	360	360
Bulgaria.....	540	700	550	5.68	2.14	4.09	3,068	1,500	2,250
Czechoslovakia.....	195	190	230	4.82	5.53	3.91	940	1,050	900
German Dem. Rep.....	4	9	7	3.00	4.44	4.29	12	40	30
Hungary.....	1,107	1,050	1,118	6.04	6.19	6.28	6,686	6,500	7,024
Poland.....	20	15	30	2.85	3.80	5.60	57	57	168
Romania.....	3,091	3,100	3,200	4.29	4.52	4.84	13,274	14,000	15,500
Yugoslavia.....	2,331	2,401	2,369	4.85	4.12	5.38	11,293	9,891	12,562
Total Eastern Europe.....	7,378	7,555	7,594				35,690	33,398	38,734
Total Europe.....	11,446	11,780	11,711				60,576	60,622	65,620
Soviet Union (Europe and Asia)									
Total.....	3,900	4,482	4,223	3.21	3.01	2.96	12,500	13,500	12,479
Africa:									
Algeria.....	2	2	10	.50	.50	.50	1	1	5
Angola.....	520	520	539	.51	.51	.53	265	265	275
Benin.....	504	470	500	.75	.75	.80	377	350	400
Botswana.....	25	23	25	.04	.22	.20	1	5	5
Burkina Faso.....	105	100	170	.62	1.10	.94	65	110	160
Burundi.....	130	130	140	.92	1.08	1.07	120	140	150
Cameroon.....	450	450	475	1.00	1.00	1.00	450	450	475
Chad.....	10	15	13	2.00	2.00	2.21	20	30	30
Egypt.....	829	804	825	4.46	4.60	4.73	3,698	3,699	3,900
Ethiopia.....	700	750	750	1.86	1.93	1.87	1,300	1,450	1,400
Ghana.....	436	360	420	1.10	1.25	1.18	534	450	495
Ivory Coast.....	595	630	640	.87	.89	.84	420	560	535
Kenya.....	1,600	1,650	1,795	1.06	1.61	1.52	1,700	2,650	2,730
Lesotho.....	60	60	60	1.58	1.53	1.43	95	92	86
Madagascar.....	131	130	130	1.13	1.15	1.08	148	150	140

See footnotes at end of table.

Table 44.—Corn: Area, yield, and production in specified countries, 1984/85-1986/87¹—
Continued

Continent and country	Area ^a			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Malawi	1,136	1,200	1,200	1.23	1.25	1.17	1,400	1,500	1,400
Mali	70	70	90	.86	1.07	1.37	60	75	123
Morocco	384	401	375	.69	.75	.82	264	300	307
Mozambique	475	475	450	.47	.66	.56	225	315	250
Nigeria	1,975	2,300	2,290	.91	1.02	1.00	1,800	2,250	2,200
Rwanda	70	70	75	.38	1.24	1.44	65	87	108
Senegal	83	90	100	1.19	.92	.95	99	83	95
Somali, Dem. Rep.	245	245	250	1.10	1.14	1.53	270	280	382
South Africa	3,587	4,000	4,000	2.00	2.13	2.13	7,755	8,500	8,500
Swaziland	65	60	60	1.69	1.50	1.55	110	90	93
Tanzania	1,850	1,900	1,800	1.05	1.09	1.23	1,940	2,070	2,210
Tunisia	1	1	1	1.00	1.00	1.00	1	1	1
Uganda	310	300	325	1.60	1.50	1.43	495	450	465
Zambia	850	1,000	575	.92	1.10	2.09	875	1,100	1,200
Zaire	750	750	866	.92	.95	.84	690	710	730
Zimbabwe	1,429	1,400	1,000	2.07	1.61	1.30	2,952	2,250	1,300
Total	19,827	20,256	19,840				28,295	30,463	30,150
Asia:									
Afghanistan	465	465	450	1.72	1.72	1.67	800	800	750
Bhutan	15	15	15	1.00	1.00	1.00	15	15	15
Burma	180	180	250	1.11	1.11	1.60	200	200	400
Kampuchea	95	95	85	1.00	1.00	1.14	95	95	40
China	18,537	17,400	19,165	3.96	3.68	3.60	73,410	64,000	69,000
Taiwan	68	70	75	3.68	3.68	4.08	250	270	310
India	5,799	5,800	5,900	1.44	1.35	1.22	8,356	7,800	7,200
Indonesia	3,086	2,223	3,047	1.71	2.05	1.76	5,288	4,550	5,360
Iran	45	45	45	1.11	1.11	1.22	50	50	55
Iraq	35	35	25	.89	1.71	1.40	31	41	35
Israel	5	8	3	3.00	2.50	2.67	15	20	8
Japan	1	1	2	3.00	3.00	2.00	3	3	2
Jordan	1	1	2	1.00	1.00	1.00	1	1	2
Korea, Dem. Peo. Rep. of	400	400	400	5.75	5.75	6.00	2,300	2,300	2,400
Korea, Rep. of	30	26	24	4.43	5.08	4.71	133	132	113
Lebanon	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia	15	15	15	1.60	1.67	1.73	24	25	26
Nepal	450	450	600	1.67	1.67	1.40	750	750	840
Pakistan	808	810	811	1.27	1.30	1.30	1,028	1,050	1,050
Philippines	3,314	3,314	3,629	1.04	1.07	1.13	3,439	3,542	4,115
Saudi Arabia	3	3	3	1.67	1.67	1.33	5	5	4
Syria	35	50	50	1.71	1.20	1.60	60	60	80
Thailand	1,955	2,150	2,198	2.23	2.40	1.87	4,350	5,150	4,100
Turkey	550	560	620	2.73	2.68	3.55	1,500	1,500	2,200
Vietnam, Soc. Rep. of	400	400	420	1.25	1.25	1.31	500	500	550
Yemen (Sanaa)	35	35	35	1.14	1.14	1.29	40	40	45
Total	36,329	34,553	37,821				102,545	92,901	98,702
Oceania:									
Australia	103	106	80	2.83	2.76	3.13	291	293	250
New Zealand	17	22	25	9.06	10.00	10.16	154	220	254
Total	120	128	105				445	513	504
World total	127,962	128,841	129,932				456,959	479,692	477,189

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 45.—Corn: Price-support operations, United States, 1972-87

Year beginning October	Support price				Put under support ²		Acquired by CCC under support program ³	Owled by CCC Sept. 30
	Per bushel		Percentage of parity ¹		Quantity	Percent- age of production		
	Loan	Target	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1972.....	1.05		52		420	7.5	1	⁴ 4
1973.....	1.05		45		262	4.6		
1974.....	1.10	1.38	40	51	77	1.7		
1975.....	1.10	1.38	35	45	148	2.6		
1976.....	1.50	1.57	43	46	276	4.4		
1977.....	2.00	2.00	58	58	1,159	18.0	12	13
1978.....	2.00	2.10	53	56	641	9.0	81	100
1979.....	2.10	2.20	50	52	557	7.0	160	256
1980.....	⁵ 2.25-2.40	⁵ 2.35-2.05	48-52	51-44	840	12.6	1	288
1981.....	⁵ 2.40-2.55	2.40	49-52	49	1,978	24.1	172	302
1982.....	⁵ 2.55-2.90	2.70	50-57	53	1,579	18.9	⁷ 349	⁷ 1,150
1983.....	2.65	2.86	51	55	162	3.9	9	201
1984.....	2.55	3.03	48	57	1,097	14.3	65	240
1985.....	2.55	3.03	50	60	3,130	35.3	419	546
1986 ⁸	1.92	3.03	39	62	⁹ 4,900	59.4	⁹ 1,575	⁹ 1,700
1987.....	1.82	3.03						

¹ Percentage of parity price as of the beginning of the marketing year. ² Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. ³ Acquisition through loan forfeitures occurring during crop year. For 1979, acquired through direct purchases by CCC. ⁴ Uncommitted CCC inventory. ⁵ Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve. ⁶ Producers who exceed their NCA will be eligible for the Lower Target price. ⁷ Includes Payment-In-Kind purchases. ⁸ Beginning September 1, 1986 marketing year begins September 1 and ends August 31. ⁹ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 46.—Corn: United States exports (domestic), by country of destination, 1984 and 1985

Country of destination	Year ¹		Country of destination	Year ¹	
	1984	1985		1984	1985
	Metric tons	Metric tons		Metric tons	Metric tons
Corn:			Korea, Rep. of	1,453,365	1,330,550
Canada.....	320,023	255,726	Taiwan.....	3,079,515	2,583,735
Mexico.....	1,400,597	1,639,835	Japan.....	11,165,454	9,813,030
Venezuela.....	653,939	5,425	Other Asia.....	25,330	137
Peru.....	70,024	246,041	Total Asia.....	15,723,664	13,227,452
Brazil.....	208,620	1,061,452	Egypt.....	1,398,836	1,496,765
Chile.....	53	12,000	Nigeria.....	101,170	3,954
Other Americas.....	551,633	575,475	Other Africa.....	1,999,745	732,238
Total Americas.....	3,204,889	3,795,954	Total Africa.....	3,499,751	2,232,957
EC.....	2,459,067	529,043	Other countries.....	2,766,958	1,466,812
Spain.....	1,935,940	1,635,030	World total.....	46,276,371	31,136,146
Portugal.....	1,560,335	882,541	Relief or charity ²	151,168	99,636
Other Western Europe.....	78,787	16,995			
Total W. Europe.....	6,074,129	3,063,609			
E. Germany.....	382,517	408,846			
Poland.....	77,820	0			
Soviet Union.....	14,399,961	6,376,359			
Other E. Europe.....	146,682	564,215			
Total E. Europe and Soviet Union.....	15,006,980	7,349,420			

¹ Year beginning Oct. 1. ² Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 47.—Oats: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ²	Value of production ³
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	19,990	13,410	51.5	690,616	428,465	282,151	0.724	507,202
1973.....	18,605	13,770	47.9	659,186	408,507	255,629	1.18	774,715
1974.....	17,013	12,098	47.6	600,655	389,016	211,839	1.53	912,010
1975.....	16,434	13,038	49.0	638,960	395,164	243,796	1.45	923,568
1976.....	16,620	11,834	45.7	540,441	350,349	190,092	1.56	835,190
1977.....	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978.....	16,407	11,126	52.3	581,657	365,615	216,042	1.20	688,625
1979.....	13,960	9,682	54.4	526,748	(^a)	(^a)	1.36	713,834
1980.....	13,381	8,657	53.0	458,792	(^a)	(^a)	1.79	812,741
1981.....	13,632	9,407	54.2	509,529	(^a)	(^a)	1.89	954,474
1982.....	13,951	10,258	57.8	592,530	(^a)	(^a)	1.49	863,167
1983.....	20,299	9,072	52.6	476,961	(^a)	(^a)	1.57	794,520
1984.....	12,414	8,163	58.0	473,661	(^a)	(^a)	1.69	797,854
1985.....	13,255	8,177	63.7	520,800	(^a)	(^a)	1.24	646,229
1986 ⁴	14,708	6,870	56.0	384,546	(^a)	(^a)	1.16	431,626

¹ Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Estimates discontinued.⁴ Preliminary.

National Agricultural Statistics Service.

Table 48.—Oats: Stocks on and off farms, United States, 1972-86

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	June 1 ¹	Oct. 1	Jan. 1	Apr. 1	June 1 ¹
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	681,046	558,177	378,909	229,986	249,036	220,117	206,575	180,974
1973.....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974.....	497,668	380,064	235,313	119,303	155,729	122,512	89,865	65,307
1975.....	485,856	398,688	247,174	158,541	130,775	94,092	70,101	46,277
1976.....	417,306	337,132	210,649	128,692	112,445	73,477	47,459	35,603
1977.....	564,095	485,267	360,516	259,548	115,459	82,707	61,817	53,556
1978.....	530,881	465,769	317,307	229,267	115,008	81,016	64,291	50,703
1979.....	465,607	400,817	284,280	198,312	102,310	76,007	55,324	38,096
1980.....	395,400	329,395	211,841	148,927	89,342	61,720	44,393	28,027
1981.....	384,681	314,132	195,279	127,119	73,745	51,101	36,172	24,813
1982.....	462,795	378,834	259,043	181,178	95,287	74,462	59,972	38,659
1983.....	426,127	322,352	226,715	151,247	79,090	56,404	43,300	29,815
1984.....	397,388	300,332	211,676	146,450	76,540	57,727	44,676	33,428
1985.....	417,387	311,207	(^a)	147,181	94,993	68,426	(^a)	36,534
1986 ⁴				103,300				29,446

¹ Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.² Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.³ Discontinued.⁴ Preliminary.⁵ Per program modification estimates available only for June 1.

National Agricultural Statistics Service.

Table 49.—Oats: Supply and disappearance, United States, 1972-86

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1972.....	597	691	0	1,291	715	93	808	19	827	305	158	463
1973.....	463	659	(²)	1,123	689	89	778	57	835	213	96	308
1974.....	308	601	(²)	909	580	96	676	19	695	166	58	224
1975.....	224	639	1	864	559	98	657	14	670	180	25	205
1976.....	206	540	1	746	484	98	582	10	592	164	0	164
1977.....	164	753	2	919	509	85	594	12	606	313	0	313
1978.....	313	582	1	896	526	77	603	13	616	277	3	280
1979.....	280	527	1	808	492	76	568	4	572	233	3	236
1980.....	236	459	1	696	432	74	506	13	519	175	2	177
1981.....	177	510	2	689	453	77	530	7	537	151	1	152
1982.....	152	593	4	749	441	85	526	3	529	219	1	220
1983.....	220	477	30	727	456	78	534	2	536	179	2	181
1984.....	181	474	34	689	434	74	508	1	509	178	2	180
1985.....	180	521	28	729	460	83	543	2	545	182	2	184
1986 ³	184	385	30	599	491	85	486	2	488	109	2	111

¹ Includes total Government loans (original and resale).² Less than 500,000 bushels.³ Preliminary.

Economic Research Service.

Table 50.—Oats: Price-support operations, United States, 1972-87

Year beginning July ¹	Support price				Put under support ²		Acquired by CCC under support program ⁴	Owned by CCC June 30 ¹
	Per bushel		Percentage of parity ³		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1972.....	0.54		54		31.8	4.6		⁵ 104.9
1973.....	.54		48		10.4	1.6		⁵ 23.9
1974.....	.54		43		3.9	.6		⁵ 5.8
1975.....	.54		38		3.9	.6		
1976.....	.72		45		4.6	.8		
1977.....	1.03		59		82.9	11.0		
1978.....	1.03		54		25.1	4.2	1.3	2.7
1979.....	1.08		50		12.0	2.2	.3	2.7
1980.....	* 1.16-1.23		50-53		6.3	1.4		2.3
1981.....	* 1.24-1.31		47-50		9.7	1.9	.4	.7
1982.....	* 1.31-1.49	1.50	47-53	54	9.2	1.5	.7	.7
1983.....	1.36	1.60	46	54	3.6	.8	.8	1.5
1984.....	1.31	1.60	42	52	* 3.2	.7	.1	1.4
1985.....	1.31	1.60	43	53	5.6	1.1	1.1	1.9
1986.....	.99	1.60	35	56	* 7.7	2.0	* 2.2	* 3.0
1987 ⁷.....	.94	1.60						

¹ Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.² Percentage of the parity price as of the beginning of the marketing year.³ Includes loans made, purchases, and purchase agreements entered into. Higher figure denotes reserve loan rate.⁴ Acquisition through loan forfeitures occurring during crop year.⁵ Uncommitted CCC inventory.⁶ Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve.⁷ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 51.—Oats: Area, yield, and production, by States, 1984-86

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	80	80	60	30	35	30	48.0	41.0	40.0	1,440	1,435	1,200
AR.....	50	22	43	28	17	33	70.0	65.0	67.0	1,960	1,105	2,211
CA.....	329	340	360	50	45	45	69.0	67.0	70.0	3,450	3,015	3,150
CO.....	120	115	90	50	55	40	55.0	58.0	55.0	2,750	2,915	2,200
GA.....	125	115	60	60	45	35	55.0	45.0	39.0	3,300	2,025	1,365
ID.....	75	70	60	44	40	30	68.0	53.0	69.0	2,992	2,120	2,070
IL.....	375	600	1,400	165	160	200	69.0	78.0	69.0	11,285	12,480	13,800
IN.....	120	180	400	80	110	90	62.0	69.0	71.0	4,960	7,590	6,390
IA.....	1,300	1,600	2,500	740	760	630	64.0	76.0	60.0	47,360	57,760	37,900
KS.....	175	235	280	120	188	200	53.0	56.0	54.0	6,360	10,528	10,900
KY.....	25	28	35	6	9	6	42.0	45.0	42.0	252	405	252
ME.....	47	51	47	40	46	40	56.0	73.0	65.0	2,240	3,358	2,600
MD.....	18	17	19	15	15	15	57.0	60.0	55.0	855	900	825
MI.....	370	420	330	350	390	270	62.0	67.0	63.0	21,700	26,130	17,010
MN.....	1,500	1,550	1,600	1,200	1,100	850	65.0	70.0	51.0	78,000	77,000	43,350
MO.....	65	170	190	33	105	100	48.0	55.0	50.0	1,584	5,775	5,000
MT.....	220	225	200	105	70	90	37.0	33.0	46.0	3,885	2,310	4,140
NE.....	450	550	760	320	420	360	49.0	61.0	59.0	15,680	25,620	21,240
NJ.....	7	6	6	6	5	4	56.0	63.0	54.0	336	315	216
NY.....	230	270	230	180	230	190	59.0	77.0	65.0	10,620	17,710	12,350
NC.....	125	105	100	68	62	55	58.0	42.0	40.0	3,944	2,604	2,200
ND.....	1,150	1,175	1,050	980	840	700	51.0	53.0	55.0	49,980	44,520	38,500
OH.....	250	340	290	220	310	160	63.0	85.0	76.0	13,860	26,350	12,160
OK.....	190	155	200	80	65	100	46.0	43.0	44.0	3,680	2,795	4,400
OR.....	115	140	140	75	100	80	88.0	92.0	95.0	6,600	9,200	7,600
PA.....	300	320	290	280	300	270	57.0	70.0	62.0	15,960	21,000	16,740
SC.....	70	70	65	40	42	28	58.0	38.0	36.0	2,320	1,596	1,008
SD.....	1,700	1,900	1,500	1,550	1,420	1,050	56.0	56.0	44.0	86,800	79,520	46,200
TN ³	30			5			47.0			235		
TX.....	1,500	1,200	1,600	250	300	200	35.0	50.0	42.0	8,750	15,000	8,400
UT.....	26	26	24	13	13	12	67.0	71.0	72.0	871	923	964
VA.....	40	50	40	12	14	10	47.0	47.0	46.0	564	658	460
WA.....	75	70	70	30	33	33	68.0	65.0	65.0	2,040	2,145	2,145
WV.....	11	14	17	8	8	10	51.0	61.0	50.0	408	488	500
WI.....	1,040	950	1,200	860	780	850	62.0	66.0	62.0	53,320	51,480	52,700
WY.....	110	96	92	70	45	54	46.0	45.0	50.0	3,220	2,025	2,700
US.....	12,141	13,255	14,706	8,163	8,177	6,870	58.0	63.7	56.0	473,661	520,800	384,546

¹ Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.² Preliminary.³ Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

Table 52.—Oats and oatmeal: United States exports, by country of destination, 1984 and 1985¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1984	1985		1984	1985
	Metric tons	Metric tons		Metric tons	Metric tons
Oats:			Oatmeal: ²		
Mexico.....	767	10,033	Mexico.....	202	1,817
Nicaragua.....	0	0	Central America.....	871	2,479
Panama.....	648	813	Peru.....	27	8
Colombia.....	0	5,492	Ecuador.....	981	7,496
Venezuela.....	802	0	Bolivia.....	894	405
E. Europe, Soviet Union, and			Other Americas.....	1,331	891
Poland.....	0	0	Other countries.....	395	671
Other countries.....	4,964	3,391			
World total ³	7,181	20,729	World total.....	5,111	13,767

¹ Year beginning Oct. 1.² Transshipments through Canada have been included in data for countries of ultimate destination.³ In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 53.—Oats: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	1.65	1.55	1.10	2,376	2,224	1,230
AR.....	2.02	2.30	.94	3,979	2,542	2,078
CA.....	2.27	1.60	1.70	7,832	5,095	5,355
CO.....	1.85	1.60	1.05	5,088	4,664	2,310
GA.....	1.70	1.55	1.15	5,610	3,139	1,570
ID.....	1.69	1.49	1.10	5,056	3,159	2,277
IL.....	1.80	1.50	1.05	20,493	18,720	14,490
IN.....	2.01	1.47	1.10	9,970	11,157	7,029
IA.....	1.78	1.27	1.10	84,301	73,355	41,580
KS.....	1.85	1.40	.86	11,766	14,739	9,288
KY.....	2.40	1.95	1.29	605	790	302
ME.....	1.50	.87	.75	3,360	2,921	1,950
MD.....	2.03	1.36	1.05	1,736	1,224	866
MI.....	1.84	1.17	1.05	39,928	30,572	17,861
MN.....	1.60	1.17	1.25	124,800	90,090	54,188
MO.....	2.25	1.33	1.05	3,564	7,681	5,250
MT.....	1.77	1.50	1.40	6,876	3,465	5,706
NE.....	1.71	1.17	1.00	26,813	29,975	21,240
NJ.....	2.10	1.60	1.40	706	504	302
NY.....	1.95	1.10	1.00	20,709	19,481	12,350
NC.....	1.92	1.70	1.30	7,572	4,427	2,960
ND.....	1.42	1.06	1.20	70,972	47,191	46,200
OH.....	2.05	1.16	1.05	28,413	30,566	12,768
OK.....	1.90	1.75	1.40	6,992	4,891	6,160
OR.....	1.80	1.35	1.35	11,880	12,420	10,260
PA.....	1.94	1.26	1.10	30,962	26,460	18,414
SC.....	1.90	1.60	1.30	4,176	2,554	1,310
SD.....	1.52	1.08	1.10	131,936	85,882	50,820
TN ³	2.40			564		
TX.....	2.16	1.97	1.75	18,900	29,550	14,700
UT.....	1.90	1.65	1.45	1,655	1,523	1,253
VA.....	1.70	1.50	1.65	959	987	759
WA.....	1.80	1.50	1.00	3,672	3,218	2,145
WV.....	1.75	1.20	1.00	714	586	500
WI.....	1.64	1.31	1.00	87,445	67,439	52,700
WY.....	1.70	1.50	1.25	5,474	3,038	3,375
US.....	1.69	1.24	1.16	797,854	646,229	431,636

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by states.

² Preliminary.

³ Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 54

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 54.—Oats: Area, yield, and production in specified countries, 1984/85–1986/87¹

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	1,406	1,411	1,555	1.90	2.12	2.51	2,670	2,997	3,906
Mexico.....	100	96	100	1.00	.94	1.00	100	85	100
United States.....	3,303	3,309	2,780	2.08	2.28	2.01	6,875	7,559	5,582
Total.....	4,809	4,810	4,435				9,645	10,641	9,588
South America:									
Argentina.....	348	400	400	1.59	1.00	1.00	610	400	400
Brazil.....	120	142	180	1.08	1.11	.92	130	157	120
Chile.....	85	64	57	2.00	1.94	2.02	170	124	115
Colombia.....	2	2	2	2.00	2.00	1.50	4	4	3
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	50	55	55	.92	.87	.87	46	48	48
Total.....	642	664	645				961	734	687
Europe:									
Belgium-Luxembourg.....	27	29	21	4.52	4.35	4.00	122	126	84
Denmark.....	31	37	23	4.84	4.11	4.26	150	152	96
France.....	433	425	306	4.37	4.24	3.30	1,892	1,803	1,009
Germany, Fed. Rep. of.....	669	697	606	4.44	4.70	4.44	2,973	3,278	2,687
Greece.....	44	42	42	1.64	1.48	1.88	72	62	79
Ireland.....	24	23	21	5.46	4.35	4.48	131	100	94
Italy.....	191	184	184	2.27	2.10	2.16	433	387	397
Netherlands.....	12	11	7	4.83	5.27	5.71	58	58	40
United Kingdom.....	166	133	95	4.87	4.62	4.74	516	615	450
Total EC.....	1,537	1,581	1,304				6,347	6,581	4,938
Austria.....	77	75	73	3.79	3.31	3.70	292	248	270
Finland.....	441	411	403	3.00	2.96	2.92	1,321	1,218	1,175
Norway.....	124	129	131	4.69	3.84	3.44	581	496	450
Portugal.....	185	190	194	1.05	.63	.71	195	119	137
Spain.....	473	465	384	1.65	1.55	1.10	780	719	422
Sweden.....	428	445	456	4.45	3.75	3.26	1,904	1,686	1,486
Switzerland.....	10	10	8	5.30	5.29	4.75	53	52	38
Total Western Europe.....	1,738	1,725	1,649				5,126	4,519	3,978
Albania.....	20	20	20	1.50	1.50	1.50	30	30	30
Bulgaria.....	23	29	25	1.09	1.41	1.20	25	41	30
Czechoslovakia.....	140	121	120	3.46	3.91	3.54	485	473	425
German Dem. Rep.....	161	177	160	4.35	4.22	4.09	700	746	655
Hungary.....	44	44	42	3.43	3.00	2.88	151	132	121
Poland.....	934	994	924	2.79	2.70	2.71	2,604	2,682	2,500
Romania.....	67	72	70	1.40	1.42	2.14	94	102	150
Yugoslavia.....	153	151	152	1.67	1.67	1.71	256	252	260
Total Eastern Europe.....	1,542	1,608	1,513			*	4,345	4,458	4,171
Total Europe.....	4,817	4,914	4,466				15,818	15,558	13,087
Soviet Union (Europe and Asia)	12,806	12,604	13,173	1.50	1.63	1.67	19,200	20,500	21,929
Africa:									
Algeria.....	150	150	150	.71	.67	.53	107	120	80
Morocco.....	55	55	55	.80	.95	.98	44	52	54
South Africa.....	460	460	460	.19	.19	.19	86	86	86
Total.....	665	665	665				227	258	220
Asia:									
China.....	540	591	570	1.22	1.12	1.18	780	664	670
Japan.....	4	3	3	2.00	3.33	2.83	8	10	7
Turkey.....	165	167	165	1.82	1.88	1.92	300	314	316
Total.....	809	761	738				1,088	988	993
Oceania:									
Australia.....	1,041	1,056	1,250	1.31	1.27	1.28	1,367	1,339	1,600
New Zealand.....	19	10	13	3.95	4.40	4.23	75	44	55
Total.....	1,060	1,066	1,263				1,442	1,383	1,655
World total.....	25,608	25,514	25,385				48,391	50,062	48,159

See footnotes on page 41.

Table 55.—Barley: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ²	Value of production ³
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	10,567	9,645	48.7	421,719	109,480	312,239	1.21	505,222
1973.....	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,560
1974.....	8,713	7,930	37.7	298,669	81,564	217,105	2.81	821,639
1975.....	9,373	8,617	44.0	379,162	101,667	277,495	2.42	905,923
1976.....	9,301	8,439	45.4	383,007	101,454	281,553	2.25	852,256
1977.....	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978.....	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979.....	8,116	7,527	60.9	383,201	(⁴)	(⁴)	2.29	872,306
1980.....	8,320	7,260	49.7	361,135	(⁴)	(⁴)	2.84	1,016,842
1981.....	9,618	9,038	52.4	473,512	(⁴)	(⁴)	2.44	1,154,497
1982.....	9,549	9,013	57.2	515,935	(⁴)	(⁴)	2.22	1,143,209
1983.....	10,422	9,731	52.3	508,925	(⁴)	(⁴)	2.50	1,268,906
1984.....	11,967	11,231	53.4	599,204	(⁴)	(⁴)	2.26	1,356,316
1985.....	13,156	11,608	51.0	691,383	(⁴)	(⁴)	1.98	1,168,621
1986 ⁴	13,059	12,007	50.8	610,497	(⁴)	(⁴)	1.56	945,804

¹ Barley sown for all purposes, including barley sown in the preceding fall.² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.³ Estimates discontinued.⁴ Preliminary.

National Agricultural Statistics Service.

Table 56.—Barley: Stocks on and off farms, United States, 1972-86

Year beginning October	On farms				Off farms ²			
	Oct. 1	Jan. 1	Apr. 1	June 1 ¹	Oct. 1	Jan. 1	Apr. 1	June 1 ¹
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973.....	283,472	206,423	121,011	64,961	137,576	113,558	93,823	63,926
1974.....	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,842
1975.....	214,939	161,797	98,652	63,693	126,963	113,508	86,360	64,666
1976.....	213,370	157,605	92,152	62,959	152,354	117,511	97,316	73,448
1977.....	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978.....	342,521	277,020	198,700	149,428	129,612	114,165	97,753	78,615
1979.....	311,704	246,489	166,089	112,430	150,319	119,210	96,271	79,701
1980.....	249,915	185,787	113,503	74,489	142,735	117,842	89,994	62,836
1981.....	298,703	227,437	144,947	92,110	148,001	101,895	79,394	55,687
1982.....	348,596	289,864	195,732	136,771	147,507	124,225	96,198	79,926
1983.....	343,884	244,915	169,362	117,024	171,630	122,682	99,563	72,395
1984.....	402,124	307,300	216,721	163,361	171,479	129,623	108,147	84,033
1985.....	462,169	365,571	(³)	199,288	198,302	165,260	(³)	125,554
1986 ⁴				193,945				141,673

¹ Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July.² Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.³ Estimates discontinued.⁴ Preliminary.⁵ Per program modification estimates available only for June 1.

National Agricultural Statistics Service.

Table 57.—Barley: Supply and disappearance, United States, 1972-86

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use			Exports	Total disap- pearance	Private- ly held ¹	Govern- ment	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1972.....	208	422	17	647	243	142	385	70	455	190	2	192
1973.....	192	417	9	618	236	143	379	95	472	146	0	146
1974.....	146	299	20	465	184	147	331	42	373	92	0	92
1975.....	92	379	16	487	188	147	335	24	359	128	0	128
1976.....	128	383	11	522	174	156	330	66	396	126	0	126
1977.....	126	428	9	563	178	155	333	57	390	173	0	173
1978.....	173	455	11	639	217	167	384	26	410	226	2	228
1979.....	228	383	12	623	204	172	376	55	431	189	3	192
1980.....	192	361	10	563	174	175	349	77	426	134	3	137
1981.....	137	474	10	621	198	175	373	100	473	145	3	148
1982.....	148	516	11	675	240	171	411	47	458	211	6	217
1983.....	217	509	7	733	283	169	452	92	544	177	12	189
1984.....	189	599	10	798	304	170	474	77	551	232	15	247
1985.....	247	591	9	847	333	167	500	22	522	268	57	325
1986 ²	325	610	5	940	300	174	474	150	624	286	30	316

¹ Includes Government loans (original and resale).² Preliminary.

Economic Research Service.

Table 58.—Barley: Area, yield, and production, by States, 1984-86

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AZ	55	67	32	53	62	29	101.0	97.0	100.0	5,353	6,014	2,900
CA	540	500	470	460	420	490	63.0	59.0	59.0	28,980	24,780	23,600
CO	350	360	390	325	340	350	82.0	84.0	60.0	20,150	21,760	21,000
DE	55	63	55	50	57	50	55.0	58.0	61.0	2,750	3,306	3,050
ID	1,370	1,280	1,140	1,340	1,240	1,110	66.0	58.0	65.0	88,440	71,920	72,150
KS	180	240	350	155	220	290	43.0	44.0	36.0	6,665	9,680	10,440
KY	40	32	25	30	26	17	37.0	35.0	31.0	1,110	910	527
MD	108	103	90	95	96	82	58.0	57.0	60.0	5,510	5,472	4,920
MI	35	39	60	34	38	55	60.0	68.0	59.0	2,040	2,584	3,245
MN	1,050	1,200	1,300	960	1,075	1,000	65.0	66.0	55.0	61,750	70,950	55,000
MT	2,320	2,350	2,400	2,110	1,500	2,180	28.0	20.0	39.0	59,080	30,000	85,020
NE	88	145	150	78	120	135	34.0	32.0	41.0	2,952	3,840	5,585
NV	40	40	36	37	37	33	90.0	80.0	90.0	3,230	2,960	2,970
NJ	21	21	29	15	17	20	55.0	63.0	62.0	825	1,071	1,240
NM	25	18	22	20	15	16	75.0	70.0	65.0	1,500	1,050	1,040
NC	70	78	53	64	66	45	63.0	40.0	36.0	4,032	2,640	1,820
ND	2,950	3,500	3,600	2,900	3,350	3,450	53.0	55.0	51.0	153,700	184,250	175,950
OK	70	70	50	50	50	35	41.0	38.0	36.0	2,050	1,900	1,260
OR	290	360	375	280	350	365	62.0	55.0	57.0	17,360	19,250	20,805
PA	75	75	70	70	70	65	52.0	62.0	60.0	3,640	4,360	3,900
SC	34	35	24	30	32	21	52.0	38.0	28.0	1,560	1,216	568
SD	610	780	930	595	720	855	51.0	45.0	42.0	30,345	32,400	35,910
TX	60	70	70	40	50	85	50.0	45.0	30.0	2,000	2,250	1,750
UT	170	172	165	150	150	152	73.0	74.0	76.0	11,607	11,766	11,552
VA	120	130	90	96	100	72	60.0	48.0	55.0	5,760	4,800	3,960
WA	1,000	1,200	920	980	1,180	900	65.0	48.0	50.0	63,700	56,640	45,000
WV ²	6	57	95	5	58	85	53.0	58.0	67.0	265	3,074	4,845
WI	55	57	95	50	58	85	53.0	58.0	67.0	2,650	3,074	4,845
WY	170	170	168	160	160	160	65.0	66.0	67.0	10,460	10,560	10,720
US	11,967	13,156	13,050	11,231	11,603	12,007	53.4	51.0	50.8	599,204	591,383	610,497

¹ Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.² Preliminary.³ Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 60

¹ Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.² Percentage of parity price as of the beginning of the marketing year.³ Represents loans made, purchases, and purchase agreements entered into.⁴ Acquisition through loan forfeitures occurring during crop year.⁵ Uncommitted CCC inventory.⁶ Smaller value is regular loan; larger value is loan rate for crops in the farmers-owned reserves.⁷ Producers who exceed their NCA will be eligible for the lower target price.⁸ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 59.—Barley: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AZ.....	3.00	2.82	2.55	16,059	16,950	7,395
CA.....	2.90	2.42	2.00	84,042	59,968	47,200
CO.....	2.61	2.56	2.35	52,592	55,706	49,350
DE.....	2.15	1.45	1.25	5,913	4,794	3,813
ID.....	2.48	2.30	2.10	219,331	165,416	151,515
KS.....	2.10	1.76	1.35	13,997	17,037	14,094
KY.....	2.30	1.68	1.35	2,553	1,529	711
MD.....	2.23	1.53	1.35	12,267	9,372	6,642
MI.....	2.50	2.05	1.60	5,100	5,297	5,192
MN.....	2.06	1.84	1.35	127,205	130,548	74,250
MT.....	2.39	2.02	1.45	141,201	60,600	123,279
NE.....	2.05	1.70	1.20	5,437	6,528	6,642
NV.....	2.55	2.15	1.85	8,492	6,364	5,495
NJ.....	2.00	1.40	1.25	1,650	1,499	1,550
NM.....	2.78	2.24	2.05	4,170	2,552	2,132
NC.....	1.90	1.60	1.55	7,861	4,224	2,511
ND.....	1.94	1.73	1.25	296,178	318,753	219,938
OK.....	2.40	2.15	1.55	4,920	4,085	2,079
OR.....	2.37	2.01	1.60	41,143	38,693	33,288
PA.....	2.45	1.60	1.30	8,918	6,944	5,070
SC.....	2.45	1.85	1.80	3,822	2,250	1,058
SD.....	1.98	1.85	1.15	60,083	59,940	41,297
TX.....	2.65	2.17	1.90	5,300	4,883	3,325
UT.....	2.50	2.27	1.80	29,018	26,709	20,794
VA.....	2.35	2.35	1.72	13,536	8,354	6,138
WA.....	2.25	1.98	1.60	143,325	112,147	72,000
WV ³	2.45			649		
WI.....	2.20	1.55	1.20	5,830	4,765	5,814
WY.....	3.26	3.22	3.10	33,904	34,003	33,232
US.....	2.26	1.96	1.56	1,356,316	1,168,621	945,804

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate by States.

² Preliminary.

³ Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

Table 60.—Barley: Price-support operations, United States, 1972-87

Year beginning July ¹	Support price				Put under support ²			Owned by CCC June 30 ³
	Per bushel		Percentage of parity ²		Quantity	Percentage of production	Acquired by CCC under support program ⁴	
	Loan	Target	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1972.....	0.86		54		41.7	9.9		^a 0.6
1973.....	.86		48		15.3	3.6		^a .4
1974.....	.90	1.13	43	54	6.9	2.3		
1975.....	.90	1.13	36	45	9.2	2.5		
1976.....	1.22	1.28	44	46	19.2	5.2		
1977.....	1.63	2.15	54	71	86.7	20.6		
1978.....	1.63	2.25	50	69	67.6	15.1	2.5	2.5
1979.....	1.71	2.40	44	61	30.0	7.9	.8	3.2
1980.....	^a 1.83-1.95	^a 2.55-2.29	45-48	62-56	^a 31.2	8.6	3.1	3.4
1981.....	^a 1.95-2.07	2.60	43-46	57	60.5	^a 12.6	3.7	3.3
1982.....	^a 2.08-2.37	2.60	44-50	55	92.6	17.9	4.4	6.0
1983.....	2.16	2.60	44	53	32.4	6.4	5.6	11.9
1984.....	2.08	2.60	42	52	56.9	9.5	3.4	14.9
1985.....	2.08	2.60	44	54	158.4	26.8	47.8	57.4
1986.....	1.56	2.60	35	58	^a 16.5	27.0	^a 75.0	^a 85.0
1987 ^a	1.49	2.60						

See footnotes on page 45.

Table 61.—Barley and malt: United States exports, by country of destination, 1984 and 1985¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1984	1985		1984	1985
	Metric tons	Metric tons		Metric tons	Metric tons
Barley: ²			Malt: ⁴		
Mexico.....	2,130	6,170	Canada.....	531	383
Germany, Fed. Rep. of.....	101		Mexico.....	12	76
Italy.....			Costa Rica.....	11,302	8,580
Netherlands.....			Dominican Republic.....	6,904	5,158
Belgium-Luxembourg.....			Jamaica.....	72	
Other Europe.....	59,534	121,229	Guyana.....	127	
Japan.....	130,207	628,955	Peru.....	175	126
Other countries.....	994,912	628,955	Venezuela.....	1,023	482
			Other Americas.....	17,084	3,835
World total ³	1,186,964	756,364	Japan.....	59,206	28,228
			Other countries.....		
			World total.....	96,336	56,960

¹ Year beginning Oct. 1.² U.S. Barley and U.S. Barley, N.S.F.F.³ Transshipments through Canada have not been included in data for countries of ultimate destination.⁴ In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 62.—Barley: Area, yield, and production in specified countries, 1984/85-1986/87¹

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ²	1984/85	1985/86	1986/87 ²	1984/85	1985/86	1986/87 ²
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	4,566	4,773	4,952	2.26	2.61	3.03	10,296	12,443	15,026
Mexico.....	260	250	260	1.62	1.68	1.69	420	420	440
United States.....	4,545	4,696	4,859	2.87	2.74	2.74	13,046	12,876	13,292
Total.....	9,371	9,719	10,071				23,762	25,739	28,758
South America:									
Argentina.....	137	137	135	1.74	.95	1.11	238	130	150
Bolivia.....	90	95	90	.80	.79	.78	72	75	70
Brazil.....	73	110	102	1.07	1.50	1.77	78	165	180
Chile.....	35	23	16	2.43	2.96	2.81	85	68	45
Colombia.....	21	29	37	1.71	2.00	1.97	36	58	73
Ecuador.....	33	29	32	1.00	.93	1.28	33	27	41
Peru.....	85	96	99	1.06	1.14	1.15	90	109	114
Uruguay.....	84	90	90	1.55	1.56	1.56	130	140	140
Total.....	558	609	601				762	772	813
Europe:									
Belgium-Luxembourg.....	152	135	147	6.15	5.53	5.96	934	746	879
Denmark.....	1,180	1,104	1,088	5.15	4.76	4.72	6,072	5,251	5,134
France.....	2,117	2,248	2,064	5.53	5.10	4.80	11,699	11,470	9,900
Germany, Fed. Rep. of.....	2,006	1,949	1,947	5.13	4.97	4.82	10,284	9,690	9,377
Greece.....	334	325	290	2.49	1.90	2.59	831	619	750
Ireland.....	294	298	283	5.67	4.73	4.06	1,666	1,410	1,330
Italy.....	434	468	466	3.73	3.48	3.32	1,618	1,630	1,548
Netherlands.....	34	39	42	5.65	5.05	6.24	192	197	262
United Kingdom.....	1,978	1,965	1,922	5.59	4.90	5.29	11,055	9,740	10,000
Total EC.....	8,529	8,532	8,249				44,351	40,758	39,170
Austria.....	328	334	332	4.63	4.56	3.90	1,517	1,522	1,293
Finland.....	566	646	595	3.03	2.87	2.87	1,715	1,854	1,714
Malta.....	1	1	1	2.00	2.00	2.00	2	2	2
Norway.....	171	171	172	3.85	3.53	3.39	658	604	550
Portugal.....	97	86	84	1.39	.76	1.00	135	65	84
Spain.....	3,944	4,155	4,334	2.54	2.40	1.69	10,000	9,980	7,331
Sweden.....	644	667	638	4.24	3.46	3.65	2,733	2,309	2,827
Switzerland.....	52	51	54	6.00	5.29	4.26	312	270	230
Total Western Europe.....	14,332	14,643	14,462				61,423	57,369	52,701

See footnotes at end of table.

Table 62.—Barley: Area, yield, and production in specified countries, 1984/85–1986/87 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania.....	13	13	13	2.31	2.31	2.31	30	30	30
Bulgaria.....	315	260	300	4.06	3.09	3.50	1,279	802	1,050
Czechoslovakia.....	790	788	780	4.66	4.49	4.23	3,678	3,540	3,300
German Dem. Rep.....	866	882	898	4.78	4.94	4.78	4,138	4,360	4,290
Hungary.....	270	279	254	4.47	3.72	3.32	1,208	1,039	844
Poland.....	1,064	1,242	1,335	3.37	3.29	3.30	3,555	4,086	4,400
Romania.....	672	690	650	3.64	2.72	3.39	2,448	1,850	2,200
Yugoslavia.....	271	264	267	2.76	2.67	2.64	748	704	704
Total Eastern Europe.....	4,251	4,408	4,497				17,084	16,411	16,818
Total Europe.....	18,583	19,051	18,844				78,507	73,770	69,519
Soviet Union (Europe and Asia)	20,426	29,063	29,964	1.37	1.50	1.50	41,800	46,500	53,889
Africa:									
Algeria.....	1,171	1,200	1,050	1.11	1.08	1.05	1,295	1,300	1,100
Egypt.....	57	57	55	3.16	3.16	3.18	180	180	175
Ethiopia.....	850	900	900	1.00	1.00	1.11	850	900	1,000
Kenya.....	65	85	85	1.15	1.00	1.06	75	85	90
Libya.....	280	290	290	.27	.27	.31	75	75	90
Morocco.....	2,126	2,383	2,472	.66	.53	1.20	1,405	2,225	2,966
South Africa.....	87	101	91	1.99	2.54	2.35	173	256	214
Tunisia.....	580	821	241	.54	.84	.55	312	686	132
Zimbabwe.....	2	5	5	4.50	6.60	6.00	9	33	30
Total.....	5,218	5,832	5,189				4,374	5,740	5,797
Asia:									
Afghanistan.....	350	350	320	.95	.95	1.00	332	333	320
Bangladesh.....	15	15	15	.67	.67		10	10	10
Bhutan.....	10	10	10	1.00	1.00		10	10	10
China.....	3,770	3,452	3,333	1.94	1.81	1.83	7,300	6,245	6,100
Cyprus.....	56	45	36	1.84	1.78	1.58	103	80	57
India.....	1,386	1,253	1,379	1.32	1.24	1.42	1,834	1,556	1,952
Iran.....	1,400	1,400	1,400	.86	.86	1.00	1,200	1,200	1,400
Iraq.....	525	1,357	1,400	.92	.98	.93	482	1,331	1,300
Israel.....	35	17	10	.90	.29	.30	28	5	3
Japan.....	117	113	107	3.39	3.35	3.22	396	378	344
Jordan.....	35	40	24	.34	.50	.62	12	20	15
Korea, Rep. of.....	338	237	190	2.38	2.41	2.38	804	571	453
Lebanon.....	7	4	4	1.14	1.25	1.25	8	5	5
Nepal.....	23	29	28	.86	.79	.82	24	23	23
Pakistan.....	200	190	193	.70	.70	.78	139	132	150
Saudi Arabia.....	7	7	7	1.71	1.71	1.71	12	12	12
Syria.....	920	1,886	1,535	.33	.53	.78	303	740	1,200
Turkey.....	3,000	3,100	3,200	2.00	1.87	1.97	6,000	5,900	6,300
Yemen, Arab Rep. (Sanaa).....	52	52	52	.77	1.02	1.04	40	53	54
Total.....	12,251	13,067	13,243				19,037	18,504	19,706
Oceania:									
Australia.....	3,518	3,301	2,300	1.56	1.49	1.52	5,554	4,913	3,500
New Zealand.....	125	166	150	4.57	4.65	4.05	571	771	607
Total.....	3,643	3,467	2,450				6,125	5,684	4,107
World total.....	80,050	80,793	80,477				174,367	176,709	182,591

¹ Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

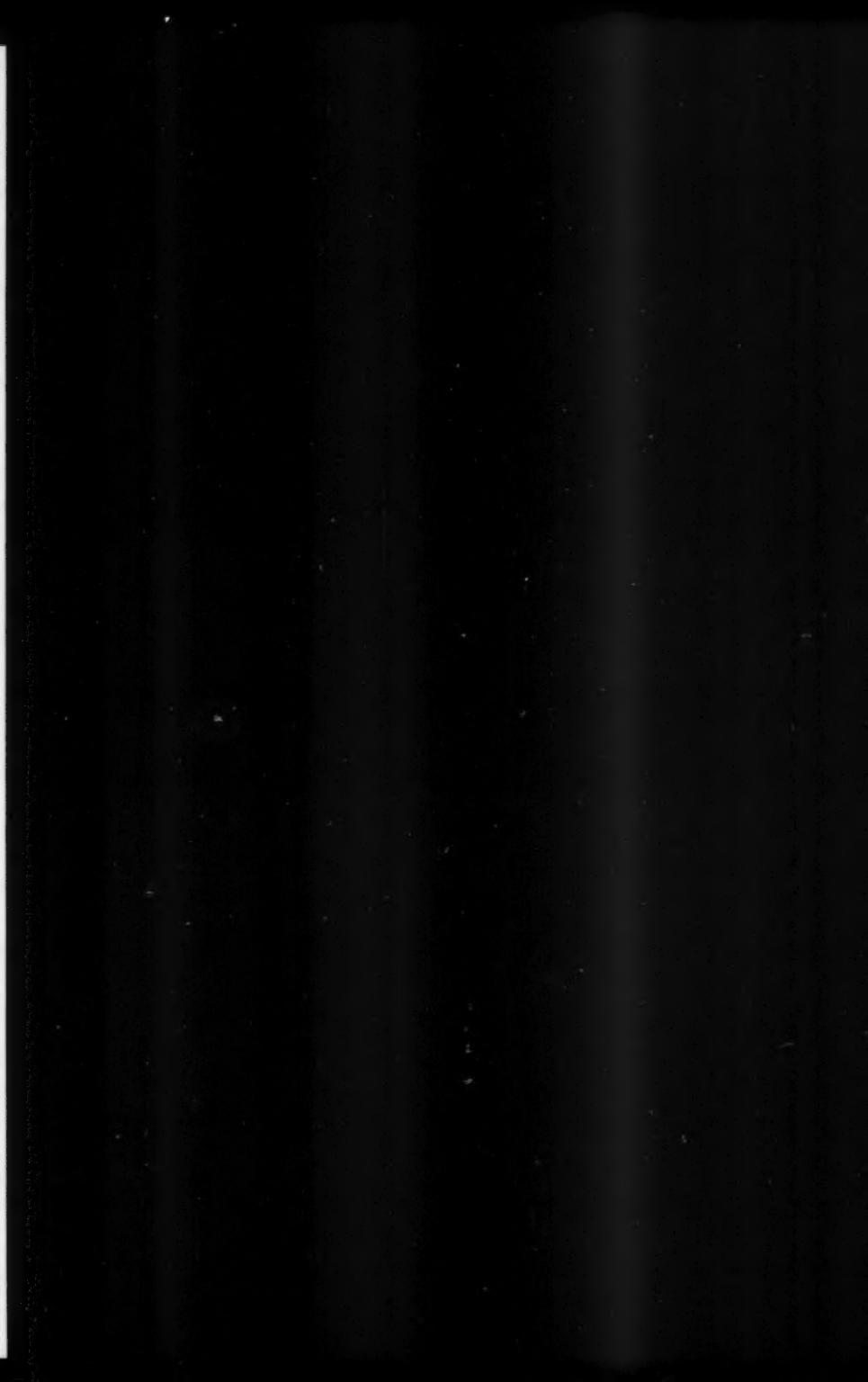


Table 63.—Grains and grain products: Total and per capita

Calendar year	Wheat			Rye		Rice (milled)		Total consumed
	Total consumed	Per capita consumption of food products		Total consumed ¹	Per capita consumption of rye flour	Total consumed ¹	Per capita consumption	
		Flour ²	Cereal					
	Million bushels	Pounds	Pounds	Million bushels	Pounds	Million cwt.	Pounds	Million bushels
1972.....	524	110	2.3	4.9	1.3	14.5	7.0	25
1973.....	542	113	2.5	6.0	1.6	14.5	7.0	27
1974.....	542	111	2.6	5.9	1.5	15.9	7.5	29
1975.....	566	114	2.8	4.7	1.2	16.1	7.6	32
1976.....	593	119	3.0	3.9	1.0	15.3	7.1	33
1977.....	580	115	3.1	3.6	.9	16.2	7.5	35
1978.....	583	117	3.1	3.7	.9	12.5	5.7	39
1979.....	601	117	3.1	3.5	.9	20.8	9.4	52
1980.....	604	117	3.1	3.5	.9	21.1	9.4	59
1981.....	606	116	3.1	3.5	.9	24.9	11.0	65
1982.....	609	120	3.1	3.3	.8	27.1	11.8	73
1983.....	619	116	3.1	3.5	.8	22.6	9.8	76
1984.....	644	118	3.1	3.5	.8	20.1	8.6	83
1985.....	653	123	3.1	3.2	.7	21.9	9.3	87
1986.....	677	126	3.1	3.2	.7	29.2	12.3	90

¹ Excludes quantities used in alcoholic beverages.² Includes white, whole wheat, and semolina flour.³ Includes an allowance for the quantity used as hominy and grits.⁴ Oats used in oatmeal, prepared breakfast foods, infant foods, and food products.⁵ Malt for food, breakfast food uses, pearl barley, and flour.⁶ Malt equivalent of barley food products.⁷ Preliminary. Estimates of corn syrup, sugar, and starch are unofficial estimates; industry

Economic Research Service. All figures are estimates based on data from private industry and Government agencies.

capita civilian consumption as food, United States, 1972-86

Total consumed ^a	Corn					Oats		Barley	
	Per capita consumption of food products					Total consumed ^a	Per capita consumption of oat food products	Total consumed ^a	Per capita consumption of food products ^a
	Meal	Cereal	Syrup	Sugar	Starch				
<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>
256	6.2	2.5	21.0	5.2	1.9	46	3.2	8	1.2
279	5.9	2.5	23.5	5.2	2.0	46	3.2	8	1.2
295	5.8	2.5	25.6	5.3	2.1	47	3.2	8	1.2
321	6.0	2.6	28.8	5.4	2.1	47	3.2	8	1.2
333	5.8	2.6	31.9	5.4	2.2	47	3.2	8	1.2
355	5.7	2.7	35.3	4.5	2.3	47	3.2	8	1.1
398	5.9	2.8	39.2	4.1	2.5	47	3.2	8	1.1
527	6.2	2.9	43.3	3.9	2.7	47	3.1	8	1.1
591	6.3	3.0	48.9	3.8	2.4	47	3.1	7	1.0
659	6.2	3.0	55.0	3.8	2.2	42	3.1	7	1.0
731	6.6	3.0	60.0	3.8	2.0	41	3.1	7	1.0
787	6.6	3.1	65.6	3.8	2.0	41	3.1	7	.9
839	6.3	3.0	69.0	3.8	2.1	41	3.1	7	.9
879	6.2	2.9	74.4	3.8	2.1	44	3.3	6	.8
906	6.1	2.9	77.0	3.8	2.2	45	3.3	6	.8

GRAINS AND GRAIN PRODUCTS

Industry data were not reported after April 1968.

Industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other

Table 64.—Sorghum: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area planted for all purposes ¹	Sorghum for grain ²						Sorghum for silage				Forage area harvested ⁴
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel ³	Value of production ³	Area harvested	Yield per harvested acre	Production	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1972.....	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946	2,427
1973.....	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520	2,093
1974.....	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975.....	18,980	15,403	49.0	754,354	174,702	579,652	2.36	1,777,100	763	9.8	7,492	1,438
1976.....	18,143	14,466	49.1	710,797	208,591	502,206	2.03	1,431,190	798	9.2	7,317	1,802
1977.....	16,636	13,797	56.5	780,944	249,333	531,611	1.82	1,411,570	889	10.9	9,184	1,556
1978.....	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979.....	15,277	12,901	62.6	807,422	(*)	(*)	2.35	1,876,641	764	11.8	8,990	1,211
1980.....	15,639	12,513	46.3	579,343	(*)	(*)	2.94	1,696,641	734	9.5	7,003	1,412
1981.....	15,930	13,677	64.0	875,835	(*)	(*)	2.38	2,078,529	786	12.0	9,447	1,024
1982.....	16,028	14,137	59.1	836,083	(*)	(*)	2.52	2,090,774	603	12.3	7,403	914
1983.....	11,880	10,001	48.7	487,521	(*)	(*)	2.84	1,382,097	639	10.3	6,572	747
1984.....	17,254	15,355	56.4	866,241	(*)	(*)	2.39	2,054,805	609	10.6	6,472	679
1985.....	18,295	16,782	66.8	1,120,271	(*)	(*)	2.28	2,538,322	534	12.3	6,566	796
1986 *.....	15,321	13,904	67.7	941,634	(*)	(*)	1.36	1,315,833	495	11.8	5,850	(*)

¹ Grain and sweet sorghum for all uses, including sirup.² Includes both grain sorghum for grain, and sweet sorghum for grain or seed.³ Based on the reported price of grain sorghum. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.⁴ Includes hogged or grazed and that cut and fed without removing grain.

* Estimates discontinued.

* Preliminary.

National Agricultural Statistics Service.

Table 65.—Sorghum grain: Stocks on and off farms, United States, 1972-87

Year	On farms				Off farms ^a			
	Jan. 1	Apr. 1	June 1 ¹	Oct. 1 ²	Jan. 1	Apr. 1	June 1 ¹	Oct. 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973.....	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974.....	217,090	113,602	54,576	18,096	426,818	266,742	123,533	43,145
1975.....	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976.....	164,509	84,197	49,951	14,908	305,600	164,221	104,090	37,486
1977.....	158,699	87,333	60,563	21,396	331,631	206,250	135,182	69,646
1978.....	218,292	139,450	106,316	56,056	398,245	273,525	210,749	134,477
1979.....	235,515	140,606	99,216	40,847	401,484	276,684	222,988	118,683
1980.....	234,708	142,489	91,347	40,356	412,290	253,165	186,288	106,064
1981.....	138,845	81,191	50,984	29,434	325,782	232,726	133,547	79,090
1982.....	255,113	124,785	92,673	61,383	432,902	336,665	286,813	235,032
1983.....	267,744	150,101	96,012	59,937	542,706	471,104	433,061	340,236
1984.....	149,330	86,631	61,453	37,332	505,498	380,979	307,444	212,836
1985.....	228,780	134,904	89,076	45,870	496,293	346,392	271,700	225,147
1986.....	330,087	(*)	138,044	* 91,500	664,190	(*)	491,984	* 459,596
1987 ^a	(*)	(*)	149,100	.....	(*)	(*)	672,905	.....

¹ Prior to 1976, estimates are for July 1.² Old crop only.^a Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.⁴ Per program modification estimates available only for June 1 and September 1.⁵ Beginning 1986, estimates for September 1.⁶ Preliminary.

National Agricultural Statistics Service.

Table 66.—Sorghum: Supply and disappearance, United States, 1972-86 ¹

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ²	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1972.....	142	801	(³)	943	648	10	658	212	870	63	10	73
1973.....	73	923	(³)	996	690	11	701	234	935	60	1	61
1974.....	61	623	(³)	684	425	12	437	212	649	35	.....	35
1975.....	65	754	.....	819	494	11	505	232	737	82	.....	82
1976.....	82	711	.....	793	411	11	422	254	676	117	.....	117
1977.....	117	781	.....	898	448	11	459	223	682	211	5	216
1978.....	216	731	.....	947	538	11	549	190	739	164	44	308
1979.....	206	807	.....	1,015	495	12	507	330	837	132	46	178
1980.....	178	579	.....	757	323	11	334	293	627	89	41	130
1981.....	130	876	.....	1,006	417	10	427	280	687	277	42	319
1982.....	319	835	.....	1,154	495	10	505	310	715	268	171	439
1983.....	439	488	(³)	927	385	10	395	245	640	185	102	287
1984.....	287	866	(³)	1,153	528	18	556	297	853	188	112	300
1985.....	300	1,120	.....	1,420	662	29	691	178	869	344	207	551
1986 ⁴	551	942	.....	1,493	550	30	580	225	805	438	250	683

¹ 1975 to date revised based on new crop year, Sept. 1-Aug. 30.² Includes total Government loans (original and resale).³ Less than 500 thousand bushels.⁴ Preliminary.

Economic Research Service.

Table 67.—Sorghum: Area, yield, and production, by States, 1984-86

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	220	270	125	180	230	106	50.0	55.0	40.0	9,000	12,650	4,000
AZ.....	18	18	15	16	16	12	85.0	81.0	87.0	1,360	1,296	1,044
AR.....	630	940	675	580	930	660	72.0	72.0	62.0	42,480	66,240	40,920
CA.....	55	42	30	48	36	26	82.0	83.0	85.0	3,936	2,988	2,210
CO.....	500	370	380	430	330	300	37.0	35.0	39.0	15,910	11,200	11,700
GA.....	165	175	155	113	128	82	42.0	48.0	33.0	4,746	6,624	2,706
IL.....	320	500	230	285	470	200	69.0	77.0	65.0	19,665	36,190	19,000
IN ²	20			13			65.0			845		
IA ²	20			12			55.0			660		
KS.....	4,900	4,900	4,500	4,250	4,300	4,150	51.0	69.0	75.0	216,750	298,700	311,250
KY.....	130	150	60	115	145	57	89.0	80.0	75.0	9,200	11,440	4,275
LA.....	290	425	370	289	410	350	65.0	68.0	68.0	17,485	27,880	23,800
MS.....	415	650	250	370	620	240	64.0	64.0	60.0	23,680	39,680	14,400
MO.....	1,400	1,450	1,200	1,330	1,410	1,140	69.0	83.0	81.0	91,770	117,030	92,340
NE.....	2,100	2,100	1,700	1,900	1,930	1,570	64.0	80.0	89.0	121,600	154,400	139,730
NM.....	300	305	250	280	290	230	55.0	48.0	45.0	15,400	13,920	10,350
NC.....	80	90	85	55	62	45	55.0	52.0	30.0	3,025	3,224	1,850
OK.....	530	580	550	450	500	490	40.0	45.0	47.0	18,000	22,500	23,030
SC.....	60	80	66	34	47	32	46.0	47.0	32.0	1,564	2,209	1,024
SD.....	560	560	450	395	375	305	47.0	40.0	46.0	15,565	15,000	14,030
TN.....	280	480	130	260	465	165	89.0	80.0	65.0	20,800	37,200	10,725
TX.....	4,350	4,300	4,050	3,950	4,100	3,750	53.0	59.0	57.0	209,350	241,900	213,750
VA ²	21			10			45.0			450		
US.....	17,254	18,285	15,321	15,355	16,782	13,904	56.4	66.8	67.7	866,241	1,120,271	941,634

¹ Preliminary.² Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

Table 68.—Sorghum: Utilization for silage, by States, 1984-86

State	Silage								
	Area harvested			Yield per acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	30	22	10	12.0	10.5	9.5	360	231	95
AZ.....	2	2	3	20.0	24.0	19.0	40	48	57
AR.....	13	12	7	8.0	9.0	10.0	104	108	70
CA.....	4	3	3	20.0	20.0	20.0	80	60	60
CO.....	22	18	19	11.0	16.0	13.0	242	288	247
GA.....	38	25	42	12.0	14.0	9.0	456	350	378
IL.....	15	5	10	7.0	12.5	12.0	105	63	120
IN ²	4			11.5			46		
IA ²	4			11.0			44		
KS.....	190	194	130	11.0	14.5	14.0	2,090	2,668	1,820
KY.....	8	3	2	11.0	12.0	12.0	88	36	24
LA.....	11	7	8	10.0	10.0	11.0	110	70	88
MS.....	30	25	5	12.0	13.0	12.0	360	325	60
MO.....	20	14	10	8.5	10.5	11.5	170	147	115
NE.....	70	60	90	10.0	11.5	14.5	700	690	1,305
NM.....	3	1	3	18.0	12.0	12.0	54	12	36
NC.....	18	19	28	12.0	13.0	7.0	216	247	196
OK.....	20	16	23	10.0	12.0	13.0	200	192	299
SC.....	22	27	19	12.0	12.0	7.0	264	324	133
SD.....	55	65	60	6.8	6.2	7.6	374	403	456
TN.....	6	6	8	13.0	14.0	12.0	78	84	96
TX.....	17	20	15	13.0	11.0	13.0	221	230	195
VA ²	7			10.0			70		
US.....	600	534	495	10.6	12.3	11.8	6,472	6,566	5,850

¹ Preliminary.² Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

Table 69.—Sorghum grain: Season average price and value, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	2.44	1.88	1.43	21,960	23,782	5,720
AZ.....	3.28	2.88	2.41	4,461	3,732	2,516
AR.....	2.27	1.99	1.60	96,430	131,815	65,472
CA.....	2.94	2.61	2.13	11,572	7,799	4,707
CO.....	2.36	2.22	1.40	37,545	24,564	16,380
GA.....	2.52	1.76	1.32	11,960	11,658	3,572
IL.....	2.32	2.11	1.20	45,623	79,361	22,900
IN ³	2.13			1,800		
IA ³	2.30			1,518		
KS.....	2.25	2.32	1.29	487,686	688,344	401,513
KY.....	2.30	2.02	1.40	21,160	23,109	5,985
LA.....	2.69	2.10	1.48	47,035	58,548	35,224
MS.....	2.52	2.20	1.68	69,674	87,296	24,192
MO.....	2.30	2.22	1.18	211,671	258,897	198,961
NE.....	2.23	2.35	1.37	271,168	362,840	191,430
NM.....	2.62	2.40	1.68	40,348	33,408	17,388
NC.....	2.38	2.17	1.51	7,300	6,996	2,069
OK.....	2.51	2.20	1.54	45,180	49,500	35,466
SC.....	2.38	1.99	1.68	3,722	4,396	1,720
SD.....	2.14	1.99	1.04	39,729	29,850	14,591
TN.....	2.25	2.11	1.32	46,808	76,492	14,157
TX.....	2.58	2.38	1.60	540,123	576,722	342,000
VA ³	2.30			1,685		
US.....	2.39	2.28	1.36	2,054,805	2,538,322	1,315,833

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.

² Preliminary.

³ Estimates discontinued after 1984 crop.

National Agricultural Statistics Service.

Table 70.—Sorghum grain: Price-support operations, United States, 1972-87

Year beginning October	Support price				Put under support ²		Acquired under CCC support program ³	Owned by CCC Sept. 30
	Per cwt.		Percentage of parity ¹		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1972.....	1.79		53		16.7	3.6		⁴ 2.7
1973.....	1.79		45		13.2	2.5		
1974.....	1.88	2.34	41	50	2.2	.6		
1975.....	1.88	2.34	36	45	5.4	1.3		
1976.....	2.15	2.66	46	48	12.5	3.1		
1977.....	3.39	4.07	59	71	121.7	27.5	7.2	7.3
1978.....	3.39	4.07	55	66	51.6	12.3	17.1	24.4
1979.....	3.57	4.18	51	60	35.8	7.9	1.3	24.6
1980.....	⁵ 3.82-4.07	⁵ 4.46-4.38	49-52	57-56	18.1	5.6	.1	21.4
1981.....	⁵ 4.07-4.32	4.55	49-52	55	155.0	31.5	6.5	24.0
1982.....	⁵ 4.32-4.91	4.64	50-57	54	134.5	28.8	⁷ 41.0	⁷ 92.4
1983.....	4.50	4.86	51	55	7.6	2.8	1.6	50.0
1984.....	4.32	5.14	48	57	36.4	7.5	36.4	67.6
1985.....	4.32	5.14	50	60	201.0	32.0	82.2	116.2
1986 ⁶	3.25	5.14	39	61	⁸ 42.5	80.6	⁹ 20.0	⁹ 40.0
1987.....	3.11	5.14						

¹ Percentage of parity price as of the beginning of the market year.

² Represents loans made, purchases, and purchase agreements entered into.

³ Acquisition through loan forfeitures occurring during crop year.

⁴ Uncommitted CCC inventory.

⁵ Smaller value is regular loan; larger value is loan rate for crops in the former-owned reserve.

⁶ Producers who exceed their NCA will be eligible for the lower target price.

⁷ Includes Payment-In-Kind purchases.

⁸ Beginning September 1, 1986, marketing year begins September 1 and ends August 31.

⁹ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 71.—Sorghum grain: United States exports by country of destination, 1984-85¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1984	1985		1984	1985
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Western Hemisphere:			Asia:		
Canada.....	390	66	India.....	0	0
Mexico.....	2,061,841	371,886	Israel.....	502,746	492,786
Other countries.....	1,201,704	748,343	Japan.....	2,389,801	2,182,073
Total Americas.....	3,263,940	1,120,295	Other countries.....	346,297	244,171
Europe:			Total Asia and Oceania.....	3,238,844	2,919,030
Belgium-Luxembourg.....	93	0	Africa:		
Germany, Fed. Rep. of.....	93	86	Senegal.....	30,508	6,860
Netherlands.....	19,299	4,100	South Africa.....	11,820	0
Norway.....	0	0	Other countries.....	721,805	10,061
Poland.....	0	0	Total Africa.....	764,133	16,941
Other countries.....	168,302	51,036	World total.....	7,454,704	4,111,488
Total Europe.....	187,787	55,222			

¹ Year beginning Oct. 1.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 72.—Feed grains: United States exports under specified Government programs, 1972-85

Year ¹	Public Law 480				Mutual security (AID) ⁴	Total specified Government programs
	Title I sales		Title II donations			
	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵		
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1972.....	9	1,275	177	1		1,462
1973.....		379	452	14	115	960
1974.....		14	142	2		158
1975.....			56	6	148	210
(¹).....		(35)	(11)	(1)	(610)	(657)
1976.....		480	46	3	1,306	1,834
1977.....		424	160		1,440	2,024
1978.....		565	113	7	1,445	2,130
1979.....		637	229	39	224	1,129
1980.....		553	226	21	444	1,244
1981.....		296	79	34	323	732
1982.....		320	118	18	392	848
1983.....		364	432	9	793	1,618
1984.....		211	1,121	30	405	1,767
1985.....		124	91	41	445	701

¹ Year beginning July 1 for 1972-75 and Oct. 1 starting in 1976.² Authorized by Title I, P.L. 480.³ Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.⁴ Authorized by Title II, P.L. 480.⁵ Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.⁶ Foreign Assistance Act of 1961, as amended.⁷ Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 73.—Commercial feeds: Disappearance for feed, United States, 1972-86

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy-bean	Cotton-seed	Linseed	Peanut ¹	Sun-flower ²	Total ³	Tank-age and meat meal	Fish meal	Dried milk ⁴	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	12,160	2,225	212	180	.....	14,777	1,739	459	330	2,528
1973.....	13,792	2,096	184	130	.....	16,202	1,854	350	315	2,519
1974.....	12,552	1,847	95	151	.....	14,645	1,981	444	150	2,575
1975.....	15,612	1,266	94	313	119	17,404	2,001	508	147	2,656
1976.....	14,056	1,556	114	208	28	15,952	2,290	414	160	2,774
1977.....	16,276	1,962	110	105	127	18,580	2,329	418	161	2,908
1978.....	17,720	1,762	111	113	180	19,886	2,323	509	158	2,990
1979.....	19,214	1,879	75	115	329	21,642	2,528	409	138	3,075
1980.....	17,581	1,636	108	94	440	19,864	2,456	379	104	2,941
1981.....	17,714	2,037	70	118	300	20,139	2,492	529	97	3,118
1982.....	19,306	1,648	93	74	433	21,554	2,482	454	189	3,045
1983.....	17,615	1,126	125	75	240	19,181	2,472	499	98	3,064
1984.....	19,480	1,758	120	123	307	21,788	2,899	649	98	3,536
1985.....	19,090	1,520	110	174	326	21,220	2,898	428	71	3,287
1986 ⁵	20,500	1,135	155	95	300	22,185	2,650	300	100	3,050

Year beginning October	Mill products ⁶								Total commercial feeds
	Wheat mill-feeds	Gluten feed and meal ⁷	Rice mill-feeds	Brewer's dried grains	Distiller's dried grains	Dried molasses beet pulp ⁸	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	4,397	1,262	446	861	428	1,615	1,799	10,308	27,613
1973.....	4,465	1,361	471	348	456	1,293	1,555	10,049	28,770
1974.....	4,693	1,502	576	346	339	1,382	1,557	10,345	27,565
1975.....	4,933	1,477	547	321	400	1,861	1,569	11,108	21,168
1976.....	4,797	1,038	602	297	374	1,758	1,202	10,066	28,792
1977.....	4,970	1,110	553	282	403	1,451	1,497	10,286	21,754
1978.....	4,944	1,243	633	309	496	1,514	1,371	10,510	23,396
1979.....	4,851	1,149	698	339	495	1,257	1,261	10,050	24,767
1980.....	5,114	873	778	320	499	1,310	1,096	9,990	32,795
1981.....	5,047	1,467	735	264	494	1,533	990	10,535	32,792
1982.....	5,576	1,431	648	214	751	1,120	978	10,718	35,317
1983.....	5,598	1,770	502	149	633	1,143	990	10,785	33,030
1984.....	5,556	2,730	607	156	1,017	1,241	891	12,196	37,622
1985.....	5,902	2,085	638	148	1,283	1,284	856	12,196	36,804
1986 ⁵	6,408	1,588	820	160	1,345	1,456	825	12,297	37,532

¹ Year beginning August 1.² For 1971 and 1972 totals include some copra.³ Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.⁴ Preliminary.⁵ Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available.⁶ Adjusted for export data.⁷ Does not include wet sugarbeet pulp.

Economic Research Service.

Table 74.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1972-86

Year beginning October	Quantity for feeding ¹						High-protein animal units	Quantity per animal unit	High-protein feed prices
	Oilseed meal			Animal protein	Grain protein ²	Total			
	Soybean meal	Other oilseed meals ³	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967 = 100
1972.....	12,991	2,462	15,453	2,532	2,584	20,569	105.5	390	272
1973.....	14,134	2,182	16,316	2,520	2,732	21,568	104.1	414	197
1974.....	13,336	1,897	15,233	3,105	1,350	19,688	96.7	408	171
1975.....	16,588	1,595	18,183	3,217	1,472	22,872	100.7	454	193
1976.....	14,934	1,731	16,665	3,446	1,315	21,426	102.9	416	252
1977.....	17,253	2,136	19,388	3,378	928	23,694	104.5	458	213
1978.....	18,960	2,005	20,966	3,483	1,051	25,510	106.0	472	248
1979.....	21,135	2,246	23,382	3,599	1,011	27,991	114.6	489	240
1980.....	19,350	2,093	21,443	3,467	845	25,754	113.5	454	279
1981.....	19,485	2,252	21,737	3,693	1,185	26,615	108.4	491	235
1982.....	21,044	2,069	23,113	3,591	1,287	27,991	109.6	511	244
1983.....	18,848	1,438	20,286	3,630	1,415	25,331	109.0	465	245
1984.....	20,649	2,132	22,780	4,321	2,188	29,290	109.4	535	165
1985.....	20,235	1,971	22,206	4,036	1,942	28,184	110.1	512	199
1986.....	21,730	1,544	23,274	3,596	1,681	28,553	112.6	507	.....

¹ In terms of 44 percent protein soybean meal equivalent.² Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer.³ Beginning 1971, adjusted for exports of corn gluten feed and meal.

Economic Research Service.

Table 75.—Feed concentrates fed to livestock and poultry, 1972-86

Year beginning October	Feed grains				Wheat	Rye	By- prod- uct feeds ¹	Total con- centrates	Grain con- sum- ing animal units	Concen- trates fed per grain- con- sum- ing animal unit
	Corn	Sor- ghum	Oats and barley	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1972	120.2	18.8	16.2	155.2	7.9	0.5	39.8	203.4	79.4	2.56
1973	117.0	19.3	15.1	151.4	4.2	.3	40.8	196.7	78.5	2.51
1974	89.0	11.9	13.5	114.4	.6	.2	38.4	153.6	69.8	2.20
1975	99.6	14.3	13.2	127.1	1.7	.2	36.8	165.8	74.6	2.02
1976	100.4	12.0	11.5	123.9	7.4	.1	34.2	165.6	75.9	1.98
1977	104.1	12.5	13.0	129.6	4.7	.3	37.3	171.9	79.0	2.18
1978	119.4	15.1	13.7	148.1	3.4	.2	41.7	193.5	80.4	2.41
1979	127.4	13.9	12.1	153.3	2.9	.2	42.2	198.6	82.3	2.41
1980	116.4	9.0	11.3	136.7	4.7	.2	39.9	181.5	80.5	2.25
1981	116.7	11.7	11.8	140.2	3.6	.1	40.4	184.3	77.3	2.38
1982	126.6	13.9	14.1	154.6	7.8	.1	38.5	201.0	78.5	2.56
1983	106.9	10.8	13.9	131.6	13.6	.1	37.4	182.7	77.9	2.34
1984	114.2	15.1	14.1	143.4	10.8	.1	44.2	198.4	78.4	2.53
1985	114.7	18.6	14.0	147.3	11.6	.1	43.5	202.5	77.3	2.62
1986	127.4	14.0	15.2	156.6	4.8	.1	44.3	205.8	76.9	2.68

¹ Oilseed meals, animal protein feeds, mill byproducts, and mineral supplements.

Economic Research Service.

Table 76.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1972-85

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 ¹	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced ²	Per head	Per 100 pounds produced ³
	Per head	Per 100 pounds milk produced							
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973.....	11,570	113	5,774	7,708	5,303	5,595	1,589	2,021	1,744
1974.....	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975.....	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386
1976.....	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114
1977.....	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552
1978.....	12,494	110	6,700	8,196	5,240	5,648	1,457	1,397	2,349
1979.....	12,978	111	6,800	8,122	5,437	5,757	1,411	1,373	2,497
1980.....	12,770	110	6,606	7,812	5,581	5,540	1,431	1,437	2,613
1981.....	12,181	99	6,248	8,759	5,360	5,721	1,395	1,409	2,401
1982.....	12,660	101	6,300	8,988	5,395	5,829	1,432	1,529	2,382
1983.....	12,648	103	5,795	7,848	5,708	5,994	1,382	1,723	2,354
1984.....	12,733	99	6,280	8,157	5,325	5,099	1,412	1,499	2,255
1985 ⁴	12,879	97	6,282	8,740	5,519	5,933	1,390	1,513	2,085

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	99	57	32	672	9.1	245	95	419	640	4,867
1973.....	100	59	32	663	9.7	257	94	400	660	3,607
1974.....	100	57	26	540	10.1	268	82	401	530	3,592
1975.....	101	56	26	540	7.7	228	71	381	566	3,547
1976.....	105	58	25	542	8.7	236	70	378	584	3,678
1977.....	103	56	24	560	8.6	225	79	408	633	3,680
1978.....	107	58	26	550	9.3	243	79	439	662	3,656
1979.....	107	62	26	565	9.4	263	76	414	688	3,860
1980.....	106	61	25	560	9.5	265	76	415	647	3,825
1981.....	106	61	26	564	10.0	261	84	442	620	3,621
1982.....	112	63	25	560	11.0	252	89	464	638	3,642
1983.....	105	59	28	560	9.3	251	82	431	605	3,592
1984.....	108	62	28	555	9.0	251	84	450	590	3,520
1985 ⁴	107	62	26	555	9.0	251	84	450	601	3,540

¹ Feed consumed by all cattle divided by the number on feed Jan. 1.² Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.³ About 19 pounds of wool were produced with each 100 pounds live-weight production.⁴ Preliminary.

Economic Research Service.

Table 77.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1972-86

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	Million tons	Million tons	Million tons	Million tons		Million tons	Million tons	Million tons	Million tons
1972.....	189	74	241	504	1980.....	193	102	232	527
1973.....	192	77	244	513	1981.....	197	90	231	521
1974.....	151	85	286	504	1982.....	208	107	213	523
1975.....	173	96	243	512	1983.....	197	100	215	513
1976.....	179	100	228	507	1984.....	206	94	200	511
1977.....	183	89	214	486	1985 ¹	211	100	193	504
1978.....	205	94	201	500	1986 ²	214	97	188	499
1979.....	210	101	211	522					

¹ Preliminary.² Estimated.

Economic Research Service.

Table 78.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1972-86¹

Year beginning October	Grain-consuming ²	Roughage-consuming ³	Grain and roughage-consuming ⁴	Year beginning October	Grain-consuming ²	Roughage-consuming ³	Grain and roughage-consuming ⁴
	1,000 units	1,000 units	1,000 units		1,000 units	1,000 units	1,000 units
1972.....	79,359	93,198	87,926	1980.....	80,524	89,915	86,140
1973.....	78,354	99,520	91,429	1981.....	77,299	91,758	85,876
1974.....	70,235	103,765	90,965	1982.....	78,537	90,392	85,482
1975.....	74,795	96,224	88,682	1983.....	77,929	89,225	84,924
1976.....	76,059	94,839	87,296	1984.....	78,965	85,919	83,592
1977.....	77,711	89,536	85,669	1985.....	77,314	83,126	80,528
1978.....	80,437	86,009	83,545	1986 ⁵	76,942	80,807	78,962
1979.....	82,257	87,452	85,220				

¹ Index series based on average feeding rates for years 1960-71. In calculations for the feeding years 1960 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by NASS, USDA.² Livestock and poultry numbers weighted by all concentrates consumed.³ Livestock and poultry numbers weighted by all roughage (including pasture) consumed.⁴ Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.⁵ Preliminary.

Economic Research Service.

Table 79.—Feed grains: Average price, selected markets and grades, 1972-85¹

Crop year ²	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better maling	Barley, No. 2 Feed ³	Oats, No. 2 White
	Dollars per bushel	Dollars per bushel	Dollars per cwt	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel
1972.....	1.93	2.48	3.34	1.70	1.44	1.17	.82
1973.....	2.91	3.66	4.64	2.78	2.67	2.03	1.30
1974.....	3.08	4.09	5.04	3.05	4.16	2.58	1.68
1975.....	2.69	2.92	4.46	2.67	3.52	2.38	1.66
1976.....	2.26	2.91	3.49	2.25	3.13	2.35	1.74
1977.....	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978.....	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979.....	2.72	4.70	4.65	2.53	2.87	2.16	1.57
1980.....	3.29	4.96	5.36	3.13	3.64	2.60	2.04
1981.....	2.60	2.60	4.28	2.44	3.06	2.21	2.14
1982.....	2.99	3.35	4.92	2.63	2.58	1.63	1.69
1983.....	3.36	4.70	5.13	3.25	2.84	2.46	1.87
1984.....	2.74	3.27	4.38	2.62	2.55	2.09	1.81
1985.....	2.37	2.49	3.72	2.23	2.04	1.53	1.31

Crop year ²	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	Dollars per bushel	Dollars per bushel	Dollars per cwt	Dollars per bushel	Dollars per bushel	Dollars per cwt	Dollars per bushel
1972.....	1.80	1.91	3.34	2.39	1.76	4.16	1.85
1973.....	2.79	2.95	4.78	3.43	2.70	5.64	2.87
1974.....	3.05	3.12	5.06	3.66	3.14	6.12	3.07
1975.....	2.66	2.75	4.47	3.34	2.81	5.63	2.70
1976.....	2.15	2.30	3.64	2.86	2.61	4.68	2.25
1977.....	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978.....	2.38	2.54	4.40	3.39	2.53	5.44	2.51
1979.....	2.49	2.81	4.97	3.74	2.96	6.32	2.73
1980.....	3.13	3.28	5.86	4.48	3.57	7.31	3.35
1981.....	2.46	2.58	4.85	3.72	3.27	6.18	2.61
1982.....	2.82	2.93	5.30	3.83	2.97	6.36	2.96
1983.....	3.20	3.41	5.48	4.22	3.45	6.69	3.45
1984.....	3.60	2.74	4.95	3.78	3.16	6.08	2.75
1985.....	2.25	2.35	4.23	3.43	2.77	5.57	2.37

¹ Simple average of daily prices.² For corn and sorghum crop year began in October for 1972-84, September for 1985. For barley and oats, crop year began in July for 1972 and June for 1973-85.³ Barley No. 3 or better for 1972.

Agricultural Marketing Service.

Table 80.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1972-85

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Peanut meal	Meat meal	Tankage digestor	Fish- meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	45% protein	50% protein	60% protein	60% protein	Kan- sas City
	Deca- tur	Deca- tur	Kan- sas City	Mem- phis	Minne- apolis	S.E. mills	Illinois Points ¹	Chicago	West Coast	
	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton
1972.....	228.00	253.40	170.90	161.20	150.20		262.90	269.40		70.40
1973.....	148.40	160.60	141.40	130.70	128.00		187.90	202.40		90.80
1974.....	130.90	141.25	132.60	119.00	126.70	129.30	149.30	159.90	265.10	86.60
1975.....	147.80	157.70	161.40	145.00	134.60	150.90	174.10	184.10	307.75	88.60
1976.....	199.80	218.70	188.80	173.60	156.90	207.40	220.70	230.90	388.70	81.80
1977.....	164.20	179.40	156.20	139.70	137.75	164.40	198.40	208.50	311.40	70.90
1978.....	190.10	206.20	180.60	164.80	152.20	196.50	237.70	247.90	327.90	87.70
1979.....	181.90	197.00	188.80	164.10	154.40	186.10	227.25		321.00	95.60
1980.....	218.20	225.10	216.20	197.10	160.50	236.00	232.20		358.80	103.40
1981.....	182.50	196.60	168.00	156.20	151.70	182.10	207.90		316.90	82.40
1982.....	187.20	200.90	196.90	176.60	145.10	196.30	219.30		326.60	87.60
1983.....	188.20	203.20	207.00	190.20	140.20	209.00	204.80		323.90	94.80
1984.....	125.40	136.40	120.30	99.40	87.90				234.60	66.10
1985.....	154.90	166.20	151.00	133.30	114.00				230.00	59.00

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Homi- ney feed	Distillers' dried grains	Brew- ers' dried grains	Alfalfa meal		Feed- ing molasses	Index numbers Jan.- Dec. 1967 = 100 ²
	Minne- apolis	Kansas City	Port- land	21% protein	Illino- is Points	Lawrence- burg ³	Mil- waukee	Dehy- drated, 17% protein	Sun- cured	New Orle- ans	
	Dol- lars per ton	Dol- lars per ton	Dol- lars per ton	Chica- go				Kan- sas City	Kan- sas City		
1972.....	68.50	76.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973.....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974.....	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975.....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976.....	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	239.4
1977.....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.8
1978.....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979.....	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	240.6
1980.....	92.50	103.40	129.60	120.20	105.40	161.90	116.00	122.40	108.70	98.90	278.6
1981.....	71.10	82.40	111.80	113.00	78.70	145.60	96.80	105.60	93.60	50.50	229.8
1982.....	70.70	87.60	110.40	117.80	96.50	145.30	106.60	120.60	104.40	48.80	237.9
1983.....	80.20	94.80	116.80	109.10	108.20	169.90	112.60	129.50	114.90	67.10	246.6
1984.....	47.60	66.10	87.70	73.10	79.10	94.20	63.70	99.20	88.30	48.20	
1985.....	46.20	59.00	82.40	90.90	80.80	111.10	74.50	92.70	82.30	68.80	

¹ Chicago 1972.² Cincinnati 1972-1980.³ Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

CHAPTER II

STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, sugar, and honey, this chapter includes tables on fibers other than cotton and syrups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Table 81.—Cotton: Area, yield, production, and value, United States, 1972-86

Year	Area		Yield per harvested acre	Production	Season average price per pound received by farmers ¹	Value of production ¹
	Planted	Harvested				
	1,000 acres	1,000 acres	Pounds	1,000 bales ²	Cents	1,000 dollars
1972.....	14,061.3	12,983.8	507	13,704.1	27.3	1,798,960
1973.....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974.....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975.....	9,477.5	8,796.0	453	8,301.6	51.3	2,043,678
1976.....	11,635.5	10,913.5	465	10,580.6	64.1	3,254,364
1977.....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978.....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,991
1979.....	13,977.5	12,830.9	547	14,629.3	62.5	4,391,378
1980.....	14,533.8	13,214.8	404	11,122.1	74.7	3,986,678
1981.....	14,330.1	13,841.2	542	15,645.7	54.3	4,075,403
1982.....	11,345.4	9,733.9	590	11,962.7	59.4	3,410,226
1983.....	7,926.3	7,347.5	508	7,771.4	66.4	2,478,176
1984.....	11,145.4	10,379.1	600	12,961.8	57.8	3,603,484
1985.....	10,684.6	10,229.0	630	13,432.2	56.5	3,645,410
1986 ³	10,044.6	8,468.4	552	9,731.1	52.2	* 2,440,530

¹ Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

² 480-pound net weight bales.

³ Preliminary.

⁴ Average to Apr. 1, 1987, with no allowance for unredeemed loans.

National Agricultural Statistics Service. Production figures conform with the Bureau of the Census annual ginning enumerations.

Table 82.—Cotton: Area, yield, and production, by States, 1984-86

State	Area planted			Area harvested			Yield per harvested acre			Production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
Upland:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales ³	1,000 bales ³	1,000 bales ³
AL.....	309.0	330.0	315.0	307.0	329.0	313.0	699	795	506	447.0	545.0	336.0
AZ.....	490.0	360.0	250.0	429.0	359.0	249.0	1,227	1,241	1,301	1,097.0	928.0	675.0
AR.....	470.0	465.0	490.0	465.0	440.0	480.0	632	767	602	612.0	703.0	602.0
CA.....	1,410.0	1,330.0	1,000.0	1,400.0	1,320.0	990.0	999	1,132	1,088	2,913.0	3,114.0	2,245.0
FL.....	17.5	24.5	19.5	17.0	22.5	19.0	847	693	707	30.0	32.5	28.0
GA.....	175.0	255.0	225.0	172.0	245.0	195.0	784	725	455	281.0	370.0	185.0
KS.....	.8	.8	1.2	.5	.6	1.0	288	329	336	.3	.4	.7
LA.....	650.0	640.0	580.0	645.0	630.0	570.0	786	565	567	1,056.0	742.0	673.0
MS.....	1,045.0	1,050.0	1,020.0	1,032.0	1,040.0	1,000.0	767	764	571	1,650.0	1,655.0	1,190.0
MO.....	164.0	152.0	173.0	162.0	150.0	160.0	554	553	588	187.0	204.0	196.0
NM.....	77.0	70.0	63.0	69.0	54.0	50.0	805	631	595	87.0	71.0	62.0
NC.....	97.0	88.0	82.0	96.0	87.0	81.0	600	646	646	120.0	117.0	109.0
OK.....	425.0	370.0	400.0	375.0	360.0	350.0	234	380	286	183.0	285.0	210.0
SC.....	104.0	124.0	118.0	104.0	122.0	113.0	785	706	370	170.0	180.0	87.0
TN.....	340.0	340.0	340.0	325.0	335.0	335.0	498	600	567	337.0	419.0	396.0
TX.....	5,350.0	5,000.0	4,850.0	4,700.0	4,650.0	3,450.0	376	404	353	3,680.0	3,910.0	2,535.0
VA.....	1.0	1.3	1.4	1.0	1.3	1.8	528	448	554	1.1	1.2	1.5
US.....	11,065.3	10,600.6	9,933.1	10,299.5	10,145.4	8,357.3	599	628	547	12,951.4	13,277.1	9,525.2
American-Pima:												
AZ.....	50.5	56.5	74.0	50.3	56.3	73.8	841	927	965	88.1	108.7	148.3
NM.....	10.0	8.0	11.1	10.0	7.9	11.1	595	687	718	12.4	11.3	16.6
TX.....	19.6	19.5	26.4	19.3	19.4	26.2	744	868	751	29.9	35.1	41.0
US.....	80.1	84.0	111.5	79.6	83.6	111.1	786	891	890	130.4	155.1	205.9
US, all.....	11,145.4	10,684.6	10,044.6	10,379.1	10,229.0	8,468.4	600	630	552	12,981.8	13,432.2	9,731.1

¹ Production ginned and to be ginned.² Preliminary.³ 480-pound net weight bales.

National Agricultural Statistics Service.

Table 83.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1979-86

State	Crop of—							
	1979	1980	1981	1982	1983	1984	1985	1986
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
AL.....	26	32	6	13	22	26	19	9
AZ.....	30	46	7	21	19	9	5	25
AR.....	27	62	16	18	24	40	10	11
CA.....	30	45	12	17	60	49	23	81
GA.....	8	14	10	7	18	31	8	4
LA.....	23	41	8	18	21	23	3	.....
MS.....	50	80	28	21	28	31	17	6
MO.....	40	79	26	25	38	53	(¹)	25
NM.....	10	7	1	(¹)	.....	1	.....	.....
NC.....	18	43	8	17	28	36	.....	.....
OK.....	23	4	2	1	.....	24	(¹)	13
SC.....	34	57	24	39	62	53	20	.....
TN.....	13	46	9	28	33	35	4	2
TX.....	15	22	8	5	7	19	5	5
US.....	22	35	10	12	21	27	9	15

¹ Less than 0.5 percent.

Agricultural Marketing Service.

Table 84.—Cotton: Production, season average price per pound, and value, by States, 1984-86

State	Production ¹			Price for crop of—			Value of production		
	1984	1985	1986 ²	1984 ³	1985	1986 ³	1984 ³	1985 ³	1986 ³
	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Upland:									
AL.....	447.0	545.0	390.0	55.3	55.6	48.5	118,662	145,540	77,299
AZ.....	1,097.0	928.0	675.0	59.8	57.4	57.2	314,883	255,683	185,328
AR.....	612.0	703.0	602.0	55.6	56.6	46.9	163,331	190,991	135,522
CA.....	2,913.0	3,114.0	2,345.0	66.8	61.4	62.8	934,024	917,758	676,733
FL.....	30.0	32.5	22.0	57.9	52.0	50.0	5,338	8,112	6,720
GA.....	281.0	370.0	185.0	58.4	54.8	52.1	76,770	97,325	46,585
KS.....	3	4	7	48.3	46.9	42.1	70	90	142
LA.....	1,066.0	742.0	673.0	54.3	55.7	46.6	275,226	198,381	150,537
MS.....	1,650.0	1,655.0	1,190.0	54.2	56.6	47.1	429,264	449,630	269,035
MO.....	187.0	204.0	196.0	57.9	56.8	51.5	51,971	55,619	48,451
NM.....	87.0	71.0	62.0	59.8	56.6	59.5	24,972	19,289	17,707
NC.....	120.0	117.0	109.0	61.8	55.1	52.1	35,597	30,944	27,259
OK.....	183.0	285.0	210.0	48.3	49.3	42.1	42,427	67,422	42,487
SC.....	170.0	190.0	87.0	61.0	57.3	49.0	49,776	49,507	20,463
TN.....	337.0	419.0	394.0	56.2	54.5	48.8	90,909	109,610	92,759
TX.....	3,680.0	3,910.0	2,535.0	52.5	52.3	45.7	927,360	981,566	556,078
VA.....	1.1	1.2	1.5	63.0	55.0	52.1	333	317	375
US.....	12,551.4	13,277.1	9,525.2	57.5	56.1	51.5	3,545,913	3,577,714	2,353,109
American-Pima:									
AZ.....	88.1	108.7	148.3	91.7	87.3	89.2	38,778	45,560	63,496
NM.....	12.4	11.3	16.6	96.6	93.3	90.2	5,969	5,332	7,187
TX.....	29.9	35.1	41.0	89.7	90.8	85.0	12,874	16,814	16,728
US.....	130.4	155.1	205.9	91.9	90.9	88.4	57,521	67,696	87,411
US, all.....	12,981.8	13,432.2	9,731.1	57.5	56.5	52.2	3,603,434	3,645,410	2,440,520

¹ Production ginned and to be ginned. ² Preliminary. ³ Includes allowance for unredeemed loans. ⁴ Average to Apr. 1, 1987 with no allowance for unredeemed loans. ⁵ 480-pound net weight bales.

National Agricultural Statistics Service.

Table 85.—Cotton, American upland: Price-support operations, United States, 1972-87

Year beginning August	Support price ¹		Put under support ²		Acquired by CCC under support ³	Owned by CCC July 31
	Per pound	Percentage of parity ⁴	Quantity	Percentage of production		
	Cents	Percent	1,000 bales ⁵	Percent	1,000 bales ⁶	1,000 bales ⁶
1972.....	35.85	65	1,910	14.5	(⁷)	0
1973.....	41.52	65	1,736	13.9	(⁷)	0
1974.....	* 38.00		2,420	21.5	(⁷)	0
1975.....	* 38.00		691	8.5	(⁷)	0
1976.....	* 43.20		941	9.2	(⁷)	0
1977.....	* 47.80		4,518	31.6	2	(⁷)
1978.....	* 52.00		1,524	14.2	(⁷)	(⁷)
1979.....	* 57.70		1,720	11.8	(⁷)	(⁷)
1980.....	* 58.40		2,276	20.7	22	(⁷)
1981.....	* 70.87		6,028	36.7	981	1
1982.....	* 71.00		5,003	42.2	786	297
1983.....	* 76.00		1,743	22.7	0	158
1984.....	* 81.00		2,957	23.0	643	123
1985.....	* 81.00		* 7,331	55.3	* 118	735
1986.....	* 81.00		* 6,089	64.1	* 0	* 100
1987.....	* 79.40					

¹ Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 through 1973, established "target" price for 1974 and succeeding years. ² Includes price-support payments as follows: On production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. ³ Percentage of parity price as of the beginning of the marketing year. ⁴ Includes loans made. ⁵ Acquisitions from crop harvested in the year indicated and net acquisitions during that year. ⁶ Running bales. ⁷ Less than 500 bales.

⁸ Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1973-80 crops. ⁹ Estimated.

Agricultural Stabilization and Conservation Service.

Table 86.—Cotton: Area, yield, and production in specified countries, 1984-86¹

Continent and country	Area			Yield per hectare			Production		
	1984	1985	1986 ^a	1984	1985	1986 ^a	1984	1985	1986 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Kilo- grams	Kilo- grams	Kilo- grams	1,000 bales ^a	1,000 bales ^a	1,000 bales ^a
North and Central America:									
United States.....	4,200	4,140	3,427	673	706	618	12,982	13,432	9,731
El Salvador.....	37	27	13	841	734	854	143	91	51
Guatemala.....	64	66	21	1,068	808	1,213	314	245	117
Honduras.....	7	7	5	622	584	653	20	22	15
Mexico.....	320	213	150	844	992	943	1,240	970	650
Nicaragua.....	110	100	100	564	555	435	285	255	200
Other incl. Caribbean.....	24	23	23	299	265	246	33	28	26
Total.....	4,762	4,576	3,739	687	716	628	15,012	15,043	10,790
South America:									
Argentina.....	447	330	330	383	372	363	786	547	550
Bolivia.....	10	12	5	457	435	435	21	18	10
Brazil.....	2,420	2,175	2,100	398	377	301	4,423	3,766	2,900
Colombia.....	212	181	178	591	629	612	575	523	500
Ecuador.....	5	15	23	740	421	606	17	29	64
Paraguay.....	400	330	275	400	330	275	735	505	400
Peru.....	140	125	125	715	705	566	460	405	325
Venezuela.....	27	60	45	492	414	392	61	114	81
Total.....	3,661	3,218	3,081	421	399	337	7,078	5,907	4,830
Europe:									
Greece.....	192	203	205	755	813	937	666	758	882
Italy.....	3	3	3	218	218	218	3	3	3
Spain.....	60	64	77	911	1,058	1,046	251	311	370
Bulgaria.....	12	14	14	399	327	327	22	21	21
Yugoslavia.....	1	1	2	218	435	218	1	2	2
Other Europe.....	28	28	28	272	272	272	35	35	35
Total.....	296	313	329	719	789	870	978	1,130	1,313
Soviet Union.....	3,347	3,316	3,475	773	794	702	11,876	12,095	11,200
Africa:									
Angola.....	25	25	25	174	174	174	20	20	20
Cameroon.....	73	90	90	492	510	532	165	211	220
Central African Rep.....	79	80	80	215	166	122	78	61	45
Chad.....	145	148	135	247	262	242	161	178	150
Zaire.....	70	80	78	100	122	112	35	45	40
Kenya.....	138	138	138	54	54	55	34	34	35
Malawi.....	35	35	35	292	292	290	47	47	45
Morocco.....	9	13	14	484	586	622	20	35	40
Mozambique.....	142	142	142	104	120	123	68	78	80
Nigeria.....	220	220	285	72	46	95	73	46	124
Zimbabwe.....	230	220	278	469	374	329	495	378	420
South Africa.....	108	126	187	413	366	361	295	212	310
Sudan.....	415	330	350	492	449	451	945	681	725
Tanzania.....	340	335	338	150	126	135	234	194	210
Uganda.....	199	200	200	71	71	60	65	65	55
Egypt.....	415	454	443	965	959	919	1,840	1,999	1,870
Other Africa.....	674	738	756	450	436	494	1,394	1,478	1,714
Total.....	3,317	3,374	3,574	386	372	372	5,879	5,762	6,103
Asia, Mid-East, and Oceania:									
Afghanistan.....	50	50	50	435	435	435	100	100	100
Australia.....	183	173	146	1,361	1,491	1,372	1,144	1,185	920
Burma.....	250	250	250	177	174	174	203	200	200
China.....	6,923	5,140	4,399	903	805	807	28,700	19,000	15,300
India.....	7,437	7,581	7,400	232	241	218	7,925	8,400	7,400
Iran.....	212	187	190	526	557	544	512	478	475
Iraq.....	65	65	65	218	218	218	65	65	65
Israel.....	63	65	47	1,380	1,524	1,427	402	455	308
Korea, Rep. of.....	3	2	1	290	327	435	4	3	2
Pakistan.....	2,236	2,366	2,375	451	522	559	4,628	5,669	6,100
Yemen (Aden).....	16	16	16	340	340	340	25	25	25
Syria.....	179	170	144	854	952	881	702	743	583
Thailand.....	70	81	38	376	411	344	121	153	60
Turkey.....	743	660	575	781	785	818	2,664	2,379	2,160
Other Asia.....	118	120	123	227	238	228	123	131	129
Total.....	18,548	16,926	15,819	555	501	479	47,318	38,986	34,827
World total.....	33,931	31,723	30,017	566	542	501	88,146	78,923	69,063

See footnotes on page 65.

Table 87.—Cotton: Supply and distribution, United States, 1972-86

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season ¹	Imports ²	Total supply	Consumption		Exports	Carryover, end of season	
	Foreign	Total				Foreign	Total ³		Foreign	Total
	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴
1972.....	24	3,234	13,242	30	16,506	36	7,470	5,000	13	3,929
1973.....	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974.....	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975.....	17	5,481	8,174	92	13,746	23	6,996	3,178	48	3,594
1976.....	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977.....	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978.....	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979.....	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980.....	2	3,027	10,671	27	13,726	2	5,664	5,639	1	2,595
1981.....	1	2,595	15,146	26	17,767	(*)	5,043	6,263	2	6,399
1982.....	2	6,399	11,488	2	17,890	5	5,259	4,961	1	7,561
1983.....	1	7,561	7,665	9	15,235	(*)	5,628	6,419	1	2,906
1984.....	1	2,906	12,452	21	15,379	(*)	5,268	5,943	(*)	4,088
1985.....	(*)	4,088	13,064	28	17,180	(*)	6,198	1,875	(*)	9,041
1986 ⁵		9,041								

¹ Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. ² Total imports minus re-exports. ³ Adjusted to marketing year. ⁴ Equivalent running bales. ⁵ Data withheld to avoid disclosing figures for individual companies.

* Less than 500 bales. ⁶ Preliminary.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

Table 88.—Cotton: Mill consumption, by growths, United States, 1972-85

Year beginning August	Domestic			Foreign				All growths
	Upland	American Pima ¹	Total	Egyptian	Indian	Other	Total	
	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²
1972.....	7,354,949	78,831	7,433,780	11,611	18,026	6,600	36,336	7,470,116
1973.....	7,069,451	69,894	7,139,345	12,905	16,534	3,347	32,786	7,172,131
1974.....	5,559,862	48,519	5,608,381	8,857	7,808	4,192	30,857	5,639,238
1975.....	6,888,486	74,137	6,962,623	12,317	9,966	702	22,985	6,985,608
1976.....	6,394,429	48,407	6,442,836	(*)	(*)	(*)	34,888	6,477,724
1977.....	6,170,934	53,246	6,224,180	(*)	(*)	(*)	11,698	6,235,878
1978.....	6,031,854	62,146	6,094,000	(*)	(*)	(*)	4,143	6,098,143
1979.....	6,196,192	61,843	6,258,035	(*)	(*)	(*)	2,717	6,260,752
1980.....	5,601,874	59,375	5,661,249	(*)	(*)	(*)	2,375	5,663,624
1981.....	4,998,461	44,670	5,043,131	(*)	(*)	(*)	(*)	5,043,131
1982.....	5,205,024	48,525	5,253,549	(*)	(*)	(*)	5,046	5,258,595
1983.....	5,564,206	64,130	5,628,336	(*)	(*)	(*)	(*)	5,628,336
1984.....	5,221,480	46,272	5,267,752	(*)	(*)	(*)	(*)	5,267,752
1985.....	6,138,579	59,094	6,197,673	(*)	(*)	(*)	(*)	6,197,673

¹ Includes Sea Island cotton.

² Equivalent running bales.

³ Not reported separately.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

FOOTNOTES FOR TABLE 86

¹ Harvest season beginning Aug. 1.

² Preliminary.

³ 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 89.—Cotton, American upland: Carryover, crop, supply, and disappearance, running bales, by grade groupings, United States, 1978-86

Year beginning August	White ¹						Light Spotted				Other Colored ²	All grades ³
	11	21	31	41	51	61 and 71	22 and higher	32	42	52 and lower		
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Carryover:												
1978.....	(*)	74	716	1,806	827	129	20	584	657	198	247	5,258
1979.....		21	259	1,415	601	90	7	288	621	214	213	3,730
1980.....	(*)	109	463	1,49	471	63	3	280	320	89	242	2,990
1981.....	(*)	31	392	877	391	53	1	86	334	151	226	2,542
1982.....	(*)	56	499	1,279	830	153	4	347	1,394	1,035	652	6,309
1983.....	(*)	30	340	1,795	1,254	157	14	640	1,765	780	685	7,461
1984.....	(*)	26	458	890	460	52	7	180	388	182	177	2,811
1985.....	(*)	102	503	734	693	71	2	103	571	1,015	214	4,011
1986.....	(*)	63	1,530	2,233	749	50	8	362	1,823	1,501	665	8,984
Crop:												
1978.....	(*)	53	1,311	4,174	1,490	229	4	529	1,727	635	325	10,459
1979.....	1	223	3,160	4,531	1,428	188	18	1,579	1,991	404	647	14,166
1980.....	(*)	84	2,621	3,047	1,093	185	2	380	1,796	748	775	10,724
1981.....	1	142	2,570	3,539	1,454	245	5	721	3,209	2,074	1,110	15,073
1982.....	(*)	77	1,508	3,434	1,935	230	17	700	1,939	914	676	11,430
1983.....	(*)	22	1,120	2,404	792	91	3	328	1,086	772	794	7,413
1984.....	1	261	2,704	2,559	1,360	184	9	406	1,717	2,892	324	12,419
1985.....	(*)	113	2,383	3,528	933	67	6	574	2,804	2,135	294	12,837
1986.....	1	163	2,060	1,751	375	32	4	504	1,957	1,405	987	9,237
Supply: ⁴												
1978.....	(*)	106	2,018	5,953	2,306	356	24	1,108	2,374	830	570	15,646
1979.....	1	246	3,443	5,988	2,043	280	20	1,881	2,630	623	866	18,023
1980.....	1	190	3,049	3,951	1,547	245	5	653	2,085	828	1,005	13,559
1981.....	1	173	2,961	4,415	1,844	301	6	806	3,542	2,225	1,386	17,610
1982.....	(*)	133	2,002	4,703	2,813	382	21	1,045	3,326	1,945	1,325	17,701
1983.....	(*)	58	1,476	4,245	2,068	251	18	979	2,881	1,569	1,494	15,035
1984.....	(*)	280	3,121	3,423	1,817	217	16	584	2,103	3,074	501	15,137
1985.....	(*)	214	2,899	4,317	1,634	138	8	677	3,375	3,153	506	16,925
Disappearance: ⁵												
1978.....	(*)	95	1,759	4,538	1,705	266	17	820	1,753	516	257	11,916
1979.....	1	138	2,960	5,040	1,572	218	17	1,801	2,311	533	624	15,033
1980.....	(*)	159	2,658	3,074	1,156	192	5	587	1,751	676	779	11,018
1981.....	1	117	2,461	3,136	955	149	2	459	2,146	1,189	684	11,301
1982.....	(*)	102	1,662	2,907	1,584	225	7	406	1,561	1,165	640	10,240
1983.....	(*)	27	1,019	3,346	1,608	219	10	799	2,493	1,387	1,317	12,225
1984.....	1	178	2,618	2,689	1,124	146	14	481	1,532	2,066	287	11,126
1985.....	(*)	151	1,369	2,084	885	83	1	315	1,552	1,652	-157	7,941

¹ "Plus" grades included. ² Includes all grades of Spotted, Tinged, Stained, Light Gray, Gray, and Below Grade.³ As reported by the Bureau of the Census. ⁴ Less than 500 bales. ⁵ Preliminary. ⁶ Carryover at the beginning of the season, plus ginnings, August 1-July 31. ⁷ Supply minus carryover at the end of the season.

Agricultural Marketing Service.

Table 90.—Cotton, American upland: Carryover, crop, supply, and disappearance, running bales, by staple groupings, United States, 1978-86

Year beginning August	Staple										All staples ¹
	26 and shorter	28	29	30	31	32	33	34	35	36 and longer	
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Carryover:											
1978.....	(*)	4	29	294	442	608	851	1,454	1,298	369	5,228
1979.....	(*)	2	18	189	312	506	734	1,121	780	249	3,730
1980.....	1	9	29	117	195	373	415	666	853	331	2,990
1981.....	1	8	18	86	130	380	293	701	694	362	2,542
1982.....	2	29	133	500	855	778	532	1,381	1,569	530	6,309
1983.....	1	21	85	485	890	598	477	1,115	2,224	1,564	7,461
1984.....	(*)	1	7	56	135	223	255	664	910	560	2,811
1985.....	2	32	74	218	309	270	231	639	1,079	1,157	4,011
1986.....	8	37	185	488	778	754	613	1,064	2,423	2,613	8,984
Crop:											
1978.....	1	9	89	432	877	1,335	1,090	2,497	3,113	1,017	10,459
1979.....	4	24	126	650	1,453	1,775	1,229	1,462	4,278	3,056	14,166
1980.....	7	51	164	452	798	1,040	903	1,870	3,318	2,322	10,734
1981.....	2	25	155	805	1,924	1,700	1,124	2,725	4,419	2,194	15,073
1982.....	2	16	78	412	935	676	454	985	3,509	4,362	11,430
1983.....	3	22	65	251	482	471	513	1,012	2,531	2,063	7,413
1984.....	7	45	122	414	761	719	715	1,149	2,858	5,630	12,419
1985.....	(*)	5	38	234	825	889	882	1,679	4,162	4,101	12,837
1986.....	(*)	2	13	88	222	482	1,047	1,880	3,197	2,356	9,237
Supply:⁴											
1978.....	1	13	117	633	1,313	1,933	1,932	3,983	4,391	1,379	15,646
1979.....	4	26	145	764	1,677	2,297	1,987	2,601	5,195	3,328	18,023
1980.....	8	60	191	563	981	1,397	1,308	2,310	4,123	2,623	13,559
1981.....	3	33	173	890	2,043	1,969	1,417	3,425	5,112	2,556	17,610
1982.....	4	45	210	911	1,786	1,451	985	2,360	5,067	4,882	17,701
1983.....	4	43	152	744	1,386	1,061	1,001	2,150	4,807	3,666	15,035
1984.....	7	45	129	464	872	915	933	1,510	3,780	6,182	15,137
1985.....	3	37	112	451	1,135	1,171	1,155	2,350	5,255	5,255	16,925
Disappearance:⁵											
1978.....	1	11	99	525	1,101	1,427	1,199	2,812	3,611	1,131	11,916
1979.....	3	17	115	646	1,482	1,924	1,572	1,935	4,342	2,997	15,033
1980.....	7	52	173	477	862	1,137	1,010	1,609	3,429	2,260	11,018
1981.....	1	4	40	890	1,158	1,180	885	2,044	3,543	2,026	11,391
1982.....	3	24	125	435	896	853	807	1,245	2,943	3,218	10,240
1983.....	4	43	145	668	1,232	848	746	1,486	3,897	3,117	12,225
1984.....	5	13	55	247	563	645	702	1,170	2,701	3,525	11,126
1985.....	-6	-20	-73	-37	356	418	543	1,287	2,832	2,641	7,941

¹ As reported by the Bureau of the Census. ² Less than 500 bales. ³ Preliminary. ⁴ Carryover at the beginning of the season, plus ginnings, August 1-July 31. ⁵ Supply minus carryover at the end of the season.

Agricultural Marketing Service.

Table 91.—Cotton, American Pima: Carryover, 1978–86, and crop, 1986, running bales, by grade and staple, United States

Year beginning August	Grade					Staple				All grades and all staples ¹
	01 and 02	03 and 04	05 and 06	07 and 08	09 and 10	42 and shorter	44	46	48 and longer	
Carryover:	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1978.....	3.4	41.1	14.3	3.0	0.6	1.4	31.8	29.0	0.3	62.5
1979.....	2.1	23.1	18.3	1.7	2.0	1.7	17.2	28.4	(*)	47.3
1980.....	3.2	27.5	3.0	1.0	.9	1.7	19.2	14.8		35.6
1981.....	1.2	43.3	6.1	1.3	.5	.9	11.8	39.0	.8	52.5
1982.....	1.3	57.0	25.8	3.3	.5	.6	19.0	67.1	1.2	87.9
1983.....	.2	53.6	38.2	5.6	1.1	.6	16.4	80.7	1.1	98.8
1984.....	3.0	65.7	22.9	2.2	.1	.1	23.2	67.9	2.7	93.9
1985.....	.3	28.8	43.1	2.0	2.5	.1	21.1	64.5	.8	76.5
1986.....	.2	26.2	28.6	1.2	.1	.1	11.8	44.3	.2	56.3

Year beginning August	Grade ²					Staple				All grades and all staples ¹
	01 and 02	03	04	05	06 and 07	42 and shorter	44	46	48 and longer	
Crop:	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1986 ⁴	9.0	112.9	65.3	10.2	3.8	4.3	69.1	126.9	.8	201.1

¹ Bureau of the Census.² Less than 50 bales.³ New grade standards effective July 1, 1986.⁴ Preliminary.

Agricultural Marketing Service.

Table 92.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1981-86

State	Average staple length (32ds of an inch) ¹					
	1981	1982	1983	1984	1985	1986 ²
AL.....	34.0	34.8	34.5	35.0	35.1	35.1
AZ.....	34.3	34.7	35.1	35.3	35.2	35.2
AR.....	35.1	35.5	35.2	35.7	35.5	35.1
CA.....	35.3	35.7	35.6	36.2	35.9	35.6
GA.....	34.6	35.2	35.3	35.4	35.0	35.3
LA.....	34.4	35.2	35.1	35.8	34.6	34.6
MS.....	34.5	35.5	34.8	35.4	34.9	34.2
MO.....	35.4	35.3	34.9	35.8	35.3	35.7
NM.....	35.8	35.5	36.0	35.9	35.5	35.2
NC.....	34.9	35.6	34.5	35.6	35.5	35.4
OK.....	31.5	32.4	32.3	32.2	32.9	32.4
SC.....	35.5	35.9	34.9	35.8	35.6	35.0
TN.....	34.4	35.2	33.9	34.6	35.0	34.7
TX.....	31.8	31.8	32.7	32.4	32.7	33.3
Other States.....	34.7	34.6	35.2	(*)	(*)	(*)
US.....	33.6	34.5	34.3	34.7	34.5	34.5

¹ Average calculated on numerical equivalents of the staple-length designations. For example, $\frac{1}{8}$ -inch = 28, $\frac{3}{8}$ -inch = 29, etc. ² Preliminary. ³ Not available.
Agricultural Marketing Service.

Table 93.—Cotton: International trade, 1980-85¹

Country	1980	1981	1982	1983	1984	1985 ²
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
Principal exporting countries:						
Mexico.....	818	756	395	475	575	380
Nicaragua.....	323	265	341	300	250	250
United States.....	5,926	6,567	5,207	6,786	6,215	1,960
Brazil.....	42	138	1,021	80	354	427
Peru.....	147	276	288	50	140	180
Greece.....	61	86	43	235	161	87
Soviet Union.....	4,070	4,296	3,890	3,202	2,920	3,000
China.....	6	0	75	800	1,260	2,900
Pakistan.....	1,490	1,097	1,273	377	1,261	3,148
Syria.....	328	360	510	700	473	460
Turkey.....	1,028	956	654	499	664	322
Egypt.....	749	898	920	780	560	675
Sudan.....	426	209	640	1,004	390	571
Tanzania.....	179	167	110	133	140	130
Uganda.....	5	14	81	28	42	40
Total.....	15,598	16,144	15,448	15,449	15,625	14,530
Principal importing countries:						
Canada.....	276	190	248	243	216	287
Austria.....	95	96	101	106	101	96
Belgium.....	129	172	182	157	184	198
France.....	775	925	870	775	730	693
Germany, Fed. Rep. of.....	724	894	1,039	988	1,069	928
Italy.....	870	1,001	1,078	1,150	1,162	1,185
Netherlands.....	69	78	51	43	46	46
Poland.....	738	719	651	673	746	775
Portugal.....	605	569	605	608	734	710
Spain.....	203	140	276	368	346	365
Sweden.....	12	16	24	25	25	25
Switzerland.....	236	247	272	255	254	290
United Kingdom.....	197	227	258	317	262	248
Hong Kong.....	708	699	780	997	851	1,096
South Korea.....	1,527	1,496	1,562	1,602	1,601	1,682
Japan.....	3,207	3,504	3,137	3,338	3,123	3,054
Total.....	10,371	10,973	11,114	11,605	11,450	11,678

¹ Crop year beginning Aug. 1. ² Preliminary. ³ 480-pound net weight.
Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 94.—Cotton: United States exports, by country of destination, 1983-85

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1983	1984	1985		1983	1984	1985
	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹		1,000 bales ¹	1,000 bales ¹	1,000 bales ¹
Austria.....	(*)	3	(*)	Australia.....	4	7	1
Belgium/Luxembourg.....	66	64	13	Canada.....	227	195	98
Denmark.....	2	3	2	Chile.....	2	(*)	0
Finland.....	9	6	3	Colombia.....	0	2	(*)
France.....	154	132	8	Cuba.....	0	0	0
Germany, Fed. Rep. of.....	195	195	25	Ethiopia.....	0	0	0
Italy.....	252	301	91	Hong Kong.....	283	125	1
Netherlands.....	6	4	1	India.....	0	(*)	0
Norway.....	11	13	10	Indonesia.....	320	256	105
Poland.....	0	0	(*)	Israel.....	19	42	4
Portugal.....	69	80	7	Japan.....	1,709	1,464	520
Spain.....	114	118	29	Korea, Rep. of.....	1,269	1,257	513
Sweden.....	28	22	15	Pakistan.....	115	13	2
Switzerland.....	70	104	39	Philippines.....	59	56	8
United Kingdom.....	67	72	35	South Africa.....	17	2	(*)
Yugoslavia.....	119	162	55	Taiwan.....	495	513	46
Other Europe.....	446	504	62	Thailand.....	244	139	17
				Uruguay.....	0	(*)	0
				Other countries.....	415	357	192
Total Europe.....	1,608	1,783	455	Total.....	6,786	6,215	1,961

¹ 480 pounds net.² Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 95.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1983-85

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1983	1984	1985		1983	1984	1985
	Bales ¹	Bales ¹	Bales ¹		Bales ¹	Bales ¹	Bales ¹
Cotton, raw:				Cotton linters:			
Egypt.....	2,976	3,284	0	El Salvador.....	0	1,447	0
India.....	87	37	0	Guatemala.....	1,052	4,873	0
Mexico.....	5,819	19,529	32,440	Mexico.....	24,411	39,318	66,975
Pakistan.....	767	703	400	Brazil.....	50,610	55,235	37,382
Other countries.....	418	165	55	Soviet Union.....	1,148	0	0
Total.....	10,067	23,709	32,895	Other countries.....	24,231	49,287	49,233
				Total.....	101,452	141,140	153,590

¹ 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton, American upland: Percentage distribution of mike readings, by specified grades, United States, 1972-86

Year beginning August	Mike groups						
	26 and below	27 to 29	30 to 32	33 to 34	35 to 49	50 to 52	53 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1972.....	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973.....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974.....	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975.....	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976.....	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977.....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978.....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979.....	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980.....	.3	1.7	4.0	3.7	80.3	8.3	1.7
1981.....	1.0	3.6	7.8	5.8	73.5	6.6	1.7
1982.....	.5	1.2	2.7	3.0	87.9	4.0	.7
1983.....	.5	1.7	3.6	3.7	83.7	5.7	1.1
1984.....	2.4	6.2	8.7	5.9	73.2	3.0	.6
1985.....	.4	1.4	3.8	4.6	84.7	4.3	.8
1986 ¹	2.2	4.2	5.4	4.0	75.4	6.3	2.5

¹ Preliminary.

Agricultural Marketing Service.

Table 97.—Cotton, American upland: Average spot prices for specified grades of 1½-inch staple in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1972-85

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1972.....	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973.....	69.37	67.10	63.24	54.61	66.74	62.47	55.25	56.29	52.37
1974.....	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.49
1975.....	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976.....	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977.....	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978.....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979.....	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90
1980.....	84.12	82.99	79.20	71.17	82.89	79.27	72.17	74.11	69.94
1981.....	61.86	60.48	54.92	46.43	60.33	55.71	47.63	50.01	45.57
1982.....	64.91	63.08	57.49	49.47	62.87	58.50	50.86	53.19	49.06
1983.....	74.80	73.11	68.58	61.93	72.90	69.63	63.62	66.37	61.64
1984.....	61.72	60.51	54.94	48.29	60.25	55.75	50.14	51.36	47.87
1985.....	61.12	60.01	55.88	48.31	59.89	56.71	50.27	51.67	47.32

Agricultural Marketing Service.

Table 98.—Cotton, American upland: Average spot prices for specified staple lengths of Strict Low Middling in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1972-85

Year beginning August	Staple							
	28	29	30	31	32	33	34	35
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1972.....	27.62	28.02	28.57	29.38	31.26	33.68	35.59	35.77
1973.....	47.18	48.37	49.95	52.64	55.85	64.59	67.10	67.31
1974.....	32.58	33.53	34.88	36.27	37.41	40.02	41.69	41.89
1975.....	49.34	50.07	51.29	52.34	53.49	56.44	57.99	58.18
1976.....	61.86	62.68	63.87	64.66	65.99	69.34	70.88	71.08
1977.....	45.09	45.74	46.79	47.30	48.26	51.27	52.74	52.95
1978.....	51.91	52.49	53.43	54.22	55.23	59.92	61.58	61.89
1979.....	59.03	59.54	60.54	62.06	63.42	69.53	71.48	71.87
1980.....	66.52	67.26	69.74	73.96	75.70	80.95	82.99	83.39
1981.....	47.60	48.14	49.92	52.54	54.13	58.28	60.48	60.89
1982.....	50.27	50.55	52.40	54.89	56.43	60.79	63.08	63.48
1983.....	60.82	61.00	62.53	64.63	66.32	70.71	73.11	73.55
1984.....	50.33	50.51	52.30	54.60	56.04	58.30	60.51	60.95
1985.....	50.16	50.35	52.16	54.41	55.80	57.86	60.01	60.48

Agricultural Marketing Service.

Table 99.—Cotton, American upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1974-85 ¹

Season beginning August	Strict Low Middling 1½"			Season beginning August	Strict Low Middling 1½"		
	Average	High	Low		Average	High	Low
	Cents	Cents	Cents		Cents	Cents	Cents
1974.....	41.69	53.42	34.93	1980.....	82.99	92.29	72.65
1975.....	57.99	86.84	46.74	1981.....	60.48	71.31	53.51
1976.....	70.88	79.36	55.21	1982.....	63.08	73.35	57.34
1977.....	52.74	59.28	47.02	1983.....	73.11	81.61	63.79
1978.....	61.58	67.57	56.46	1984.....	60.51	65.46	57.60
1979.....	71.48	84.82	60.62	1985.....	60.01	65.94	55.09

¹ Prices are for mixed lots, net weight, uncompressed in warehouse.

Agricultural Marketing Service.

Table 100.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1976-85 ¹

Market	Strict Low Middling 1½ inches									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Greenville.....	71.85	53.33	62.09	73.24	84.54	61.57	63.50	73.28	61.08	60.55
Augusta.....	72.70	53.81	62.50	73.92	85.21	61.87				
Montgomery.....	71.54	53.24	61.92	72.57	84.28	61.34	63.50	72.93	60.56	60.17
Memphis.....	71.28	52.75	61.68	72.55	83.81	61.00	63.33	73.25	60.73	60.40
Greenwood.....	71.21	52.75	61.84	72.73	84.30	61.34	63.35	73.14	60.98	60.69
Dallas.....	69.43	50.53	58.33	66.91	80.65	58.32	61.62	70.79	58.94	58.96
Houston.....	70.94	51.56	59.45							
Lubbock.....	67.79	50.04	58.27	66.43	79.06	57.96	60.84	70.35	58.93	59.17
Phoenix.....	70.12	52.71	61.58	71.98	81.70	59.93	63.17	74.13	61.57	59.84
Fresno.....	71.93	56.67	67.86	73.76	82.80	61.02	64.49	77.02	61.29	60.35
Average.....	70.88	52.74	61.56	71.48	82.99	60.48	63.08	73.11	60.51	60.01

¹ Year beginning August. Prices are for mixed lots, net weight, uncompressed in warehouse.

Agricultural Marketing Service.

Table 101.—Cotton: Average charge per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1980-85¹

Kind of cotton and State	1980	1981	1982	1983	1984	1985
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL.....	32.53	31.79	33.70	36.46	36.27	37.76
AZ.....	38.60	42.91	42.87	43.17	40.16	40.70
AK.....	37.83	35.02	37.61	41.12	40.82	38.94
CA.....	44.38	46.38	48.59	50.15	49.84	48.91
GA.....	41.01	41.91	44.50	43.34	42.93	42.89
LA.....	36.70	31.25	35.32	35.24	38.43	38.46
MS.....	34.76	34.71	36.00	38.54	37.62	36.59
MO.....	45.82	38.40	39.99	41.90	39.49	37.39
NM.....	50.21	48.55	47.02	49.72	51.85	54.26
NC.....	34.03	39.65	44.50	45.40	46.18	45.42
OK.....	37.67	48.83	47.35	46.35	50.15	48.57
SC.....	32.42	38.83	42.75	41.11	41.52	42.97
TN.....	34.89	31.66	33.86	39.50	39.71	38.78
TX.....	52.18	46.69	49.01	50.20	52.48	50.18
All upland cotton.....	43.77	42.90	43.46	45.87	45.64	44.86
American Pima.....	52.23	56.37	59.00	62.00	60.00	61.00

¹ Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners. Economic Research Service.

Table 102.—Cotton linters: Supply, distribution, season average price, United States, 1972-86

Year beginning August	Supply				Distribution		Price per pound ¹		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felted linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales²</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales³</i>	<i>1,000 bales²</i>	<i>1,000 bales⁴</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1972.....	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973.....	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974.....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975.....	487	847	25	1,360	838	182	9.30	6.56	4.25
1976.....	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977.....	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978.....	282	1,077	60	1,419	980	263	11.92	9.70	7.90-8.60
1979.....	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980.....	316	1,897	40	1,452	852	261	14.46	9.62	9.60-11.82
1981.....	356	1,210	22	1,588	823	267	13.28	7.86	6.04-8.25
1982.....	476	1,529	28	1,524	812	277	12.75	8.50	5.42-8.83
1983 ⁵	287	699	77	1,063	783	106	33.77	28.68	22.10-26.85
1984.....	215	955	107	1,277	737	141	18.36	13.30	10.68-16.11
1985.....	315	936	116	1,367	710	119	^a 15.35	^a 9.84	^a 5.70-8.05
1986 ⁶	509								

¹ Uncompressed in carload lots, f.o.b. mill points.

² Running bales.

³ Imports are in 500 pound gross weight bales prior to 1982 and in 634 pound equivalent bales thereafter.

⁴ Exports are in running bales prior to 1982 and in 634 pound equivalent bales thereafter.

⁵ Ten-month average, Aug. 1985 thru May 1986.

⁶ Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the Bureau of the Census.

Table 103.—Cotton: Supply and distribution, by countries, 1985-86

Country	Begin- ning stocks Aug. 1 ¹	Produc- tion	Imports	Total supply	Consump- tion ²	Exports	Ending stocks July 31 ¹	Total distribu- tion
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
Exporting countries:								
Mexico.....	174	970	20	1,164	675	380	109	1,164
Nicaragua.....	58	255	0	313	20	250	43	313
El Salvador.....	60	91	0	151	67	20	64	151
Guatemala.....	44	245	10	299	110	150	39	299
Argentina.....	424	547	88	1,059	574	245	240	1,059
Brazil.....	2,721	2,766	322	6,909	3,100	427	3,252	6,909
Colombia.....	109	523	4	636	241	265	130	636
Paraguay.....	150	505	0	655	46	500	109	655
Peru.....	437	405	0	842	260	180	402	842
Honduras.....	9	22	5	36	8	20	8	36
Angola.....	7	20	0	27	15	5	7	27
Central African Republic.....	25	61	0	86	15	50	21	86
Cameroon.....	44	211	0	255	40	175	40	255
Malawi.....	25	47	0	72	20	25	27	72
Zimbabwe.....	140	378	0	518	142	275	101	518
Sudan.....	997	681	0	1,678	110	571	997	1,678
Uganda.....	14	65	0	79	21	40	18	79
Egypt.....	85	1,999	170	2,254	1,550	675	29	2,254
Tanzania.....	175	194	0	369	74	130	165	369
Mozambique.....	34	78	0	112	35	40	37	112
Other Africa.....	485	1,483	0	1,968	211	1,356	387	1,968
Afghanistan.....	37	100	0	137	60	40	37	137
Iran.....	190	478	0	668	344	22	302	668
Israel.....	200	455	36	691	60	409	222	691
Pakistan.....	1,050	5,669	4	6,723	2,503	3,148	1,072	6,723
Syria.....	116	743	0	859	279	460	120	859
Turkey.....	421	2,379	51	2,851	2,004	322	435	2,851
Other Asia.....	11	65	0	76	21	45	10	76
Australia.....	747	1,185	2	1,934	98	1,132	704	1,934
United States.....	4,102	* 13,432	* 33	17,567	6,259	1,960	9,348	17,567
Soviet Union.....	2,664	12,095	645	15,404	9,600	3,000	2,804	15,404
China.....	19,395	19,000	5	38,400	19,500	2,900	16,000	38,400
India.....	2,056	8,400	89	10,515	7,191	344	2,980	10,515
Total exporting countries.....	37,306	76,547	1,454	115,207	55,387	19,561	40,289	115,207

See footnotes at end of table.

Table 103.—Cotton: Supply and distribution, by countries, 1985-86—Continued

Country	Beginning stocks Aug. 1 ¹	Production	Imports	Total supply	Consumption ²	Exports	Ending stocks July 31 ¹	Total distribution
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
Importing countries:								
Canada	26	0	287	313	248	0	65	313
Chile	19	0	60	79	60	0	19	79
Other Western Hemisphere	182	189	346	687	504	3	199	687
Austria	14	0	96	110	96	5	10	110
Belgium	44	0	198	242	198	0	44	242
Finland	16	0	34	50	32	0	18	50
France	129	0	698	822	672	19	131	822
Germany, Fed. Rep. of	341	0	928	1,269	1,000	69	300	1,269
Greece	122	758	280	1,160	758	87	315	1,160
Italy	228	3	1,185	1,416	1,170	5	241	1,416
Netherlands	19	0	46	65	47	0	18	65
Portugal	130	0	710	840	750	0	90	840
Spain	358	311	345	1,014	524	160	350	1,014
Sweden	9	0	25	34	25	0	9	34
Switzerland	120	0	290	410	280	0	130	410
United Kingdom	58	0	248	306	248	5	53	306
Yugoslavia	53	2	613	668	615	0	53	668
Other Europe	601	56	3,317	4,126	3,317	0	806	4,119
Hong Kong	279	0	1,096	1,375	781	315	279	1,375
Japan	607	0	3,054	3,661	3,146	0	515	3,661
Korea, Rep. of	532	3	1,682	2,207	1,700	1	506	2,207
Philippines	13	21	106	140	108	0	32	140
Taiwan	611	0	1,534	2,145	1,516	0	629	2,145
Other Asia	626	488	2,316	3,430	2,641	48	707	2,996
Ethiopia	46	92	0	138	92	0	46	138
Nigeria	58	73	156	287	253	0	34	287
South Africa	186	212	85	483	390	0	153	483
Other Africa	45	168	392	601	540	9	71	620
Total importing countries	5,557	2,376	20,177	28,110	21,701	717	5,682	28,110
World total	42,763	78,923	21,631	143,317	77,058	30,388	45,971	143,317
Foreign (all countries)	38,661	65,491	21,598	125,750	70,799	18,328	36,623	125,750

¹ Estimates for Southern Hemisphere countries include unginned cotton.² Includes cotton destroyed or unaccounted for.³ Bales of 480 pounds net (500 pounds gross).⁴ Includes pre-season ginnings.⁵ Imports for consumptions.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 104.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1972-85¹

Year	Area		Yield per harvested acre	Production	Price ²	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis ³
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1972.....	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973.....	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974.....	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975.....	1,595.0	1,516.6	19.6	29,704	27.60	820,748	4,019	3,756
1976.....	1,525.4	1,473.8	19.9	29,386	21.00	616,815	3,895	3,640
1977.....	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,965
1978.....	1,305.4	1,289.2	20.3	25,788	25.20	649,846	3,289	3,074
1979.....	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980.....	1,231.3	1,189.5	19.8	23,502	47.20	1,108,974	3,149	2,943
1981.....	1,251.6	1,228.1	22.4	27,538	29.20	803,569	3,368	3,166
1982.....	1,054.2	1,026.8	20.3	20,894	35.40	740,342	2,787	2,558
1983.....	1,081.4	1,055.8	19.9	20,992	37.00	777,718	2,699	2,522
1984.....	1,123.6	1,096.3	20.2	22,134	33.90	750,162	2,905	2,715
1985.....	1,124.5	1,102.5	20.4	22,529	33.80	761,236	3,033	2,835
1986 ⁴	1,231.7	1,191.3	21.2	25,224	.....	.....	3,281	3,066

¹ Relates to year of intended harvest except for overwintered spring planted beets in California.² Prices do not include Government payments under the Sugar Act.³ Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.⁴ Preliminary.

National Agricultural Statistics Service.

Table 105.—Sugarbeets: Area, yield, and production, by States, 1984-86¹

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
CA.....	211.0	286.0	192.0	286.0	203.0	188.0	24.7	23.0	25.7	5,068	4,669	4,832
CO.....	48.3	2.9	37.3	44.2	2.5	37.2	21.8	18.5	23.9	964	46	880
ID.....	145.0	153.0	161.0	144.0	152.0	160.0	23.0	22.0	26.0	3,312	3,496	4,160
KS.....	7.8	0	0	7.1	0	0	17.2	0	0	122	0	0
MI.....	110.0	124.0	137.0	108.0	118.0	110.0	19.6	19.7	20.8	2,117	2,325	2,288
MN.....	268.0	278.0	315.0	263.0	276.0	311.0	16.5	18.4	16.7	4,340	5,088	5,194
MT.....	25.2	43.5	47.5	24.6	42.7	47.0	16.9	19.0	21.7	416	811	1,020
NE.....	73.0	59.1	59.9	67.5	53.2	59.0	21.9	23.1	23.5	1,480	1,229	1,387
ND.....	139.8	144.8	164.8	139.1	144.2	163.8	16.6	16.8	17.9	2,309	2,423	2,932
OH.....	11.8	13.1	15.6	10.7	12.7	15.0	18.8	20.3	20.6	201	258	309
OR.....	11.8	11.9	12.9	11.6	11.8	12.8	28.5	27.0	30.0	307	319	384
TX.....	39.0	38.0	37.2	37.8	37.0	37.0	21.8	22.5	22.4	824	833	829
WY.....	32.9	50.2	51.0	32.7	49.4	50.5	20.0	20.9	19.8	654	1,032	1,000
US.....	1,123.6	1,124.5	1,231.7	1,096.3	1,102.5	1,191.3	20.2	20.4	21.2	22,154	22,529	25,224

¹ Relates to year of intended harvest except for overwintered spring planted beets in California.² Preliminary.

National Agricultural Statistics Service.

Table 106.—Sugarbeets: Production and value, by States, crop of 1985¹

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	1,000 tons	Dollars	1,000 dollars		1,000 tons	Dollars	1,000 dollars
CA.....	4,600	33.10	154,544	ND.....	2,423	35.50	86,017
CO.....	46	27.40	1,280	OH.....	258	27.90	7,198
ID.....	3,496	36.60	127,954	OR.....	319	35.00	11,165
KS.....	0		0	TX.....	833	29.40	24,490
MI.....	2,325	29.60	68,820	WY.....	1,032	32.10	33,127
MN.....	5,088	34.00	183,188				
MT.....	811	35.10	28,466	US.....	22,529	33.80	761,236
NE.....	1,229	28.50	35,027				

¹ Relates to year of intended harvest except for overwintered spring planted beets in California.

National Agricultural Statistics Service.

Table 107.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1972-86

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	Acres	Pounds	Cwt.	Cents	1,000 dollars
1972.....	3,318	2,446	81,166	19.07	1,548
1973.....	2,832	2,968	84,059	20.28	1,705
1974.....	1,983	2,556	50,685	21.87	1,099
1975.....	4,625	2,437	112,729	34.46	3,885
1976.....	6,748	2,630	177,494	38.55	6,842
1977.....	4,915	2,726	133,985	38.26	5,126
1978.....	3,153	2,266	71,443	37.12	2,652
1979.....	3,074	2,374	72,964	36.00	2,627
1980.....	3,329	2,439	81,218	38.00	3,086
1981.....	6,442	2,675	172,324	41.96	7,128
1982.....	5,923	2,989	177,061	44.34	7,851
1983.....	4,355	2,390	104,091	43.23	4,708
1984.....	4,204	2,426	101,973	46.60	4,752
1985.....	4,957	2,848	141,166	47.87	6,757
1986.....	4,442	2,997	133,133	49.26	6,558

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 108.—Sugarbeets: Area, yield, and production in specified countries, 1984/85–1986/87

Continent and country	Area harvested			Yield per hectare			Production ^a		
	1984/85	1985/86	1986/87 ¹	1984/85	1985/86	1986/87 ¹	1984/85	1985/86	1986/87 ¹
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	27	23	24	34.3	41.1	40.6	926	945	975
United States.....	444	446	482	45.2	45.8	47.5	20,080	20,438	22,885
Total.....	471	469	506	44.6	45.6	47.2	21,006	21,383	23,860
South America:									
Chile.....	48	42	52	49.2	53.9	61.0	2,363	2,262	3,171
Uruguay.....	7	9	8	25.3	31.4	33.8	177	283	270
Total.....	55	51	60	46.2	49.9	57.4	2,540	2,545	3,441
Europe:									
Belgium and Luxembourg.....	122	125	118	52.0	51.2	53.2	6,389	6,405	6,277
Denmark.....	74	73	70	48.8	48.2	45.6	3,614	3,515	3,196
France.....	506	464	421	53.0	51.2	51.0	26,803	23,764	21,471
Germany, Fed. Rep. of.....	422	415	399	47.5	50.1	50.7	20,024	20,773	20,233
Greece.....	25	43	44	60.7	60.0	1,700	2,580	2,640	2,640
Ireland.....	34	33	34	49.8	39.7	37.5	1,694	1,309	1,274
Italy.....	210	225	274	53.3	40.7	52.9	11,196	9,160	14,500
Netherlands.....	129	131	138	53.9	48.4	58.0	6,935	6,335	8,000
United Kingdom.....	196	202	200	43.4	38.0	40.5	8,500	7,676	8,100
Total EC.....	1,721	1,711	1,698	50.5	47.6	50.5	86,825	81,517	85,690
Austria.....	51	43	28	50.3	56.0	56.1	2,564	2,407	1,571
Finland.....	32	30	31	28.6	23.5	27.2	915	704	845
Portugal.....	1	1	1	70.0	70.0	70.0	70	70	70
Spain.....	186	162	180	45.5	42.4	42.8	8,463	6,861	7,701
Sweden.....	52	51	51	48.2	42.3	42.9	2,508	2,159	2,188
Switzerland.....	15	15	15	57.3	52.7	50.8	860	790	762
Total Western Europe.....	337	302	306	45.6	43.0	42.9	15,380	12,991	13,135
Albania.....	10	10	10	26.5	26.5	26.5	265	265	265
Bulgaria.....	53	53	53	26.4	26.4	26.4	1,400	1,400	1,400
Czechoslovakia.....	208	208	208	36.1	36.1	36.1	7,500	7,500	7,500
German Dem. Rep.....	240	231	205	32.6	31.5	34.4	7,820	7,287	7,052
Hungary.....	108	107	95	37.5	37.5	37.0	4,050	4,015	3,515
Poland.....	474	436	423	33.9	33.6	33.6	16,048	14,664	14,200
Romania.....	280	265	280	25.1	24.3	25.0	7,019	6,446	7,000
Yugoslavia.....	145	147	136	46.8	42.5	40.4	6,792	6,248	5,489
Total Eastern Europe.....	1,518	1,457	1,410	33.5	32.8	32.9	50,894	47,825	46,421
Total Europe.....	3,576	3,470	3,414	42.8	41.0	42.5	158,099	142,333	145,246
Soviet Union.....	3,463	3,425	3,399	24.6	24.1	23.3	85,251	82,400	79,300
North Africa:									
Algeria.....	4	6	6	22.5	18.7	18.3	90	112	110
Egypt.....	14	16	14	31.2	36.3	40.2	437	581	563
Morocco.....	59	59	59	37.3	44.1	50.8	2,200	2,600	3,000
Tunisia.....	4	5	6	39.0	36.4	38.3	156	182	230
Total.....	81	86	85	35.6	40.4	45.9	2,883	3,475	3,903
Middle East:									
Iran.....	100	100	100	25.0	25.0	25.0	2,500	2,500	2,500
Lebanon.....	2	2	2	25.0	25.0	25.0	50	50	50
Syria.....	36	12	16	35.2	27.5	27.7	1,268	412	444
Turkey.....	350	320	347	31.7	30.7	30.7	11,108	9,830	10,660
Total.....	488	437	465	30.6	29.3	29.4	14,926	12,792	13,653
Asia:									
Afghanistan.....	3	3	3	11.7	11.7	11.7	35	35	35
China.....	502	561	526	16.5	15.9	15.8	8,284	8,919	8,310
Japan.....	75	72	72	53.9	54.5	53.6	4,040	3,921	3,862
Pakistan.....	9	5	11	21.1	36.8	36.5	190	184	402
Total.....	589	641	612	21.3	20.4	20.6	12,549	13,059	12,609
Grand total.....	8,723	8,890	8,542	33.5	31.3	33.0	292,254	277,996	282,021

¹ Preliminary. ² Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 109.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1972-86¹

Year ^a	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1972.....	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973.....	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974.....	689.9	44.2	734.1	34.8	25.1	34.2	24,081	1,109	25,140
1975.....	734.7	37.4	772.0	37.2	26.4	36.6	27,306	1,038	28,344
1976.....	704.0	43.0	747.0	38.2	27.9	37.5	26,919	1,201	28,120
1977.....	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978.....	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979.....	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980.....	683.6	49.1	732.7	37.4	28.1	36.8	25,582	1,381	26,963
1981.....	715.6	39.8	755.4	36.6	31.2	36.3	26,165	1,243	27,408
1982.....	700.4	41.3	741.7	40.6	32.0	40.1	28,449	1,321	29,770
1983.....	733.4	34.3	767.7	37.1	28.0	36.7	27,201	960	28,161
1984.....	700.7	46.6	747.3	37.1	28.6	36.6	26,008	1,332	27,340
1985.....	722.8	47.2	770.0	37.2	28.3	36.6	26,577	1,336	28,213
1986 ^a	750.7	45.5	796.2	38.5	30.2	38.1	28,986	1,375	30,311

Year ^a	Season average price received by farmers per ton of sugar ⁴	Value of production		Sugar production			Molasses ⁵
		Of cane used for sugar	Of cane used for sugar and seed ⁶	Raw value ⁷		Refined basis ⁷	
				Total	Per ton of cane		
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1972.....	11.60	201,639	211,724	2,740	301	2,561	190,553
1973.....	20.90	319,503	333,061	2,549	305	2,383	167,486
1974.....	48.60	1,166,809	1,221,232	2,612	212	2,347	156,355
1975.....	21.50	586,622	607,895	2,934	214	2,748	178,988
1976.....	15.30	408,403	425,342	2,724	302	2,545	180,730
1977.....	17.70	454,217	474,257	2,684	309	2,508	164,884
1978.....	19.50	483,905	506,551	2,612	210	2,441	161,810
1979.....	26.00	661,212	690,544	2,700	213	2,524	164,581
1980.....	38.50	984,559	1,035,990	2,728	213	2,550	163,341
1981.....	24.90	650,721	681,983	2,833	217	2,647	182,656
1982.....	26.50	755,036	789,896	3,063	215	2,863	177,041
1983.....	27.80	755,574	781,393	2,990	215	2,739	175,875
1984.....	28.20	734,026	769,934	3,007	231	2,811	175,573
1985.....	26.70	717,690	751,550	3,033	226	2,835	178,539
1986 ^a	(^c)	(^b)	(^b)	3,281	227	3,066	185,970

¹ Includes Hawaii except for prices and values for 1973 and earlier years.² In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.³ Preliminary.⁴ Prices do not include Government payments under the Sugar Act.⁵ Price per ton of cane for sugar used in evaluating value of production for seed.⁶ Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.⁷ Calculated on the basis that 160 pounds of raw sugar is required to produce 93.66 pounds of refined sugar.⁸ Excludes edibles.⁹ Not available.

National Agricultural Statistics Service.

Table 110.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1984-86

State	Sugarcane for sugar and seed ¹								
	Area harvested			Yield of cane per acre			Cane production		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
For sugar:									
FL.....	371.9	383.4	390.0	32.5	32.9	33.1	12,087	12,615	12,916
HI.....	89.5	83.0	83.6	94.5	95.4	100.2	8,454	7,916	8,379
LA.....	206.0	226.0	248.0	22.0	24.0	27.3	4,510	5,430	6,770
TX.....	34.3	30.4	29.1	27.9	30.1	29.9	957	916	871
US.....	700.7	722.8	750.7	87.1	37.2	38.5	26,008	26,877	28,936
For seed:									
FL.....	15.1	15.3	15.0	35.1	32.5	35.3	530	502	530
HI.....	5.7	6.4	6.6	40.4	33.3	31.5	230	213	206
LA.....	25.0	24.0	22.0	22.0	24.0	27.3	550	576	601
TX.....	.8	1.5	1.9	27.5	30.0	18.9	22	45	36
US.....	46.6	47.2	45.5	28.6	28.3	30.2	1,332	1,336	1,375
For sugar and seed:									
FL.....	387.0	398.7	405.0	32.6	32.9	33.2	12,617	13,117	13,446
HI.....	95.2	89.4	90.2	91.2	90.9	95.2	8,684	8,129	8,587
LA.....	230.0	250.0	270.0	22.0	24.0	27.3	5,060	6,006	7,371
TX.....	35.1	31.9	31.0	27.9	30.1	29.3	979	961	907
US.....	747.3	770.0	796.2	36.6	36.6	38.1	27,340	28,213	30,311

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value ²)			Sugar produced (raw value ²)			Equivalent refined ⁴			Molasses ⁵		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	Lb	Lb	Lb	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
FL.....	234	224	229	1,412	1,413	1,476	1,320	1,321	1,379	85,409	92,546	92,879
HI.....	251	256	249	1,062	1,012	1,043	993	946	975	* 54,510	* 47,448	* 50,385
LA.....	200	196	198	452	532	671	422	497	627	26,950	30,650	32,850
TX.....	169	166	209	81	76	91	76	71	85	8,704	7,695	6,856
US.....	231	226	227	3,007	3,033	3,281	2,811	2,835	3,066	175,573	178,539	185,970

¹ In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.

² Preliminary. ³ Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

⁴ Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁵ Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. ⁶ 85° brix.

National Agricultural Statistics Service.

Table 111.—Sugarcane for sugar and seed: Production and value, by States, crop of 1985

State	Sugar			Sugar and seed: Value of production ¹
	Production	Price per ton	Value of production	
	1,000 tons	Dollars	1,000 dollars	1,000 dollars
FL.....	12,615	28.20	355,743	369,899
HI.....	7,916	28.10	222,440	228,425
LA.....	5,430	22.20	120,546	133,333
TX.....	916	20.70	18,961	19,593
Total.....	26,877	28.70	717,690	751,550

¹ Price per ton of cane for sugar used in evaluating value of production for seed.

National Agricultural Statistics Service.

Table 112.—Sugarcane: Area, yield, and production in specified countries, 1984/85-1986/87

Continent and country	Area			Yield per hectare			Production ^a		
	1984/ 85	1985/ 86	1986/ 87 ¹	1984/ 85	1985/ 86	1986/ 87 ¹	1984/ 85	1985/ 86	1986/ 87 ¹
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Mexico.....	540	543	560	70.6	74.3	76.0	38,100	40,350	42,560
Hawaii.....	32	33	34	215.9	217.5	218.7	6,909	7,178	7,435
United States.....	247	259	270	64.5	66.4	68.4	15,925	17,201	18,470
Total	819	835	864	74.4	77.5	79.2	60,934	64,729	68,465
South America:									
Argentina.....	230	180	160	60.7	60.2	60.0	13,971	10,844	9,601
Brazil.....	1,950	1,950	1,950	50.3	50.3	51.3	98,000	98,000	100,000
Colombia.....	108	101	101	111.4	115.2	124.2	12,030	11,640	12,540
Ecuador.....	37	42	45	84.1	73.8	68.9	3,113	3,100	3,100
Guayana.....	53	47	47	66.4	69.6	70.2	3,520	3,270	3,300
Peru.....	47	50	52	142.6	125.4	114.4	6,700	6,270	5,950
Venezuela.....	96	103	113	63.0	68.7	68.8	6,051	7,071	8,190
Other South America.....	111	112	114				4,721	4,721	
Total	2,632	2,585	2,588	56.3	56.1	57.6	148,106	145,101	149,191
Central America:									
Belize.....	24	24	24	40.7	36.1	37.0	976	867	889
Costa Rica.....	37	33	31	70.1	73.2	73.0	2,595	2,416	2,283
El Salvador.....	35	38	41	84.1	84.7	79.6	2,944	3,127	3,262
Guatemala.....	84	81	97	66.3	67.2	66.4	5,570	5,443	6,440
Honduras.....	31	29	27	74.2	83.8	88.9	2,300	2,439	2,400
Nicaragua.....	40	40	40	70.0	70.0	70.0	2,800	2,800	2,800
Panama.....	38	35	34	61.9	57.3	51.8	2,333	2,007	1,760
Total	280	280	294	67.6	66.6	67.4	19,538	19,179	19,814
Caribbean:									
Barbados.....	15	15	13	57.5	61.7	61.5	863	925	800
Cuba.....	1,500	1,500	1,500	50.9	45.0	48.7	75,000	67,500	70,000
Dominican Rep.....	175	160	170	50.3	51.4	50.6	8,900	8,231	8,600
Haiti.....	60	54	50	10.8	10.5	10.5	650	567	525
Jamaica.....	40	39	39	60.0	56.0	51.5	2,400	2,184	2,010
Puerto Rico.....	20	30	30	60.0	60.0	60.0	1,200	1,200	1,200
St. Kitts-Nevis.....	3	3	3	99.3	99.3	99.3	298	298	298
Trinidad and Tobago.....	27	27	27	37.1	41.7	37.0	1,002	1,125	1,000
Other Caribbean.....	24	24	24				845	845	845
Total	1,864	1,842	1,846	48.9	45.0	46.2	91,158	82,875	85,278
West Europe:									
Spain.....	2	2	2	62.5	75.0	75.0	125	150	150
Africa:									
Egypt.....	84	83	82	79.0	87.5	95.1	6,633	7,280	7,796
Kenya.....	40	40	40	92.5	92.5	92.5	3,700	3,700	3,700
Zimbabwe.....	33	33	34	114.5	110.6	118.9	3,778	3,650	4,044
South Africa.....	280	269	270	79.8	69.9	68.5	22,356	18,803	18,500
Other Africa.....	481	478	494				35,389	34,829	36,213
Total	918	903	920	78.3	75.6	76.4	71,856	68,242	70,253
Asia:									
Bangladesh.....	87	74	90	43.3	47.3	46.1	3,769	3,500	4,150
China.....	725	965	900	54.3	53.4	55.9	39,519	51,549	50,280
Indonesia.....	286	274	310	73.9	76.6	77.0	21,141	21,000	23,870
India.....	2,992	2,862	3,100	58.0	60.0	56.5	173,569	171,700	175,000
Japan.....	35	36	35	71.7	73.2	61.4	2,510	2,636	2,150
Pakistan.....	414	348	369	35.5	34.7	38.8	14,692	12,000	14,800
Philippines.....	368	275	248	52.0	54.0	53.1	18,612	14,846	13,167
Thailand.....	609	618	606	41.1	38.8	40.3	25,053	24,000	24,441
Taiwan.....	77	59	58	84.2	96.6	86.2	6,484	5,700	5,900
Other Asia.....	72	72	72				2,738	2,740	2,800
Total	5,658	5,583	5,788	54.5	55.5	54.5	308,087	309,746	315,158
Oceania:									
Australia.....	316	304	310	80.7	80.3	82.0	25,513	24,414	25,413
Fiji.....	60	60	60	67.8	70.0	67.8	4,070	4,200	4,070
Total	376	364	370	78.7	78.6	79.7	29,583	28,614	29,483
Grand total	12,585	12,421	12,660	58.1	58.0	58.2	731,082	720,524	739,667

¹ Preliminary. ² Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 113.—Sugar: Production in specified countries, 1984/85-1986/87 ¹

Continent and country	1984/85	1985/86	1986/87 ^a	Continent and country	1984/85	1985/86	1986/87 ^a
CENTRIFUGAL SUGAR (raw value) ^b	1,000 metric tons	1,000 metric tons	1,000 metric tons	CENTRIFUGAL SUGAR (raw value) ^b	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America and Caribbean (cane):				Switzerland.....	181	189	
Barbados.....	99	110	90	Total Western Europe.....	15,519	15,454	15,714
Belize.....	98	95	86				
Canada (beet).....	122	60	118	Albania.....	25	30	35
Costa Rica.....	241	218	206	Bulgaria.....	160	150	160
Cuba.....	8,100	7,100	7,000	Czechoslovakia.....	850	825	825
Dominican Republic.....	980	842	900	German Dem. Rep.....	680	990	882
El Salvador.....	264	267	258	Hungary.....	442	525	467
Guadeloupe.....	50	65	70	Poland.....	1,878	1,811	1,802
Guatemala.....	576	624	644	Romania.....	806	882	810
Haiti.....	52	43	39	Yugoslavia.....	996	989	850
Honduras.....	220	225	290	Total Eastern Europe.....	5,837	5,902	5,711
Jamaica.....	185	204	196	Total Europe.....	21,356	21,356	21,425
Martinique.....	1	1	1	Soviet Union (beet).....	8,587	8,730	9,100
Mexico.....	3,438	3,928	3,830				
Nicaragua.....	240	225	240	Africa (cane):			
Panama.....	176	160	139	Angola.....	30	35	35
St. Kitts-Nevis.....	32	32	32	Egypt.....	787	887	942
Trinidad and Tobago.....	85	80	95	Ethiopia.....	180	185	167
United States:				Kenya.....	372	345	355
Continental (beet and cane).....	5,290	5,469	5,900	Madagascar.....	78	98	95
Puerto Rico.....	90	95	90	Mauritius.....	610	707	748
Total.....	20,357	19,853	20,134	Morocco.....	420	422	410
South America (cane unless otherwise indicated):				Mozambique.....	75	60	30
Argentina.....	1,525	1,160	1,108	Reunion.....	321	316	335
Bolivia.....	144	132	130	South Africa.....	2,514	2,247	2,120
Brazil.....	9,200	8,400	8,800	Swaziland.....	402	402	330
Chile (beet).....	362	351	483	Tanzania.....	125	122	130
Colombia.....	1,267	1,217	1,320	Uganda.....	10	10	10
Ecuador.....	312	273	285	Zaire.....	61	60	63
Guyana.....	247	243	245	Zimbabwe.....	484	475	513
Paraguay.....	95	67	100	Other Africa ^c	1,348	1,401	1,388
Peru.....	638	598	575	Total Africa.....	7,793	7,768	7,862
Surinam.....	12	12	12				
Uruguay (beet and cane).....	87	92	92	Asia (cane unless otherwise indicated):			
Venezuela.....	498	569	600	Burma.....	52	50	50
Total South America.....	14,585	13,109	13,750	China (cane and beet).....	4,627	5,585	5,263
Europe (beet unless otherwise indicated):				Taiwan.....	662	604	510
Belgium and Luxembourg.....	914	944	936	India.....	7,071	7,983	8,830
Denmark.....	595	576	543	Indonesia.....	1,709	1,728	1,800
France.....	4,301	4,297	3,734	Iran (beet and cane).....	606	720	800
Germany, Fed. Rep. of.....	3,146	3,430	3,470	Japan (beet and cane).....	934	924	930
Ireland.....	241	189	202	Pakistan.....	1,395	1,267	1,418
Italy.....	1,585	1,352	1,725	Philippines.....	1,767	1,400	1,250
Netherlands.....	1,015	975	1,352	Thailand.....	2,533	2,586	2,633
United Kingdom.....	1,430	1,315	1,360	Turkey (Europe and Asia) (beet).....	1,655	1,398	1,475
Greece.....	218	245	325	Other Asia (cane and beet) ^c	581	561	586
Total EC.....	13,245	13,423	13,647	Total Asia.....	23,586	24,756	25,545
Austria.....	464	468	306	Oceania (cane):			
Finland.....	127	108	134	Australia.....	3,548	3,404	3,488
Portugal:				Fiji.....	480	341	502
Azores and Madeira.....	11	11	11	Total Oceania.....	4,028	3,745	3,990
Spain (cane and beet).....	1,188	961	1,109	World total (cane and beet).....	100,272	99,317	101,719
Sweden.....	373	329	368				

See footnotes on page 83.

Table 114.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1984-86 ¹

Country or area of supply	1984	1985	1986 ²	Country or area of supply	1984	1985	1986 ²
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina.....	300	155	84	South Africa.....	67	73	37
Australia.....	256	171	108	Taiwan.....	41	26	20
Belize.....	38	22	53	Other countries.....	484	414	372
Brazil.....	325	481	177	Total foreign countries.....	3,444	2,797	2,223
Colombia.....	130	196	161				
Costa Rica.....	83	53	73	Domestic areas:			
Dominican Republic.....	673	510	379	Mainland (beet).....	2,733	2,984	3,086
Ecuador.....	33	29	19	Mainland (cane).....	1,546	1,628	1,968
El Salvador.....	79	74	104	Hawaii.....	1,027	946	864
Fiji Islands.....	23	7	16	Puerto Rico.....	12	36	31
Guatemala.....	192	187	118	Texas (cane).....	58	83	70
Haiti.....	17	6	12	Total domestic areas.....	5,370	5,677	6,011
Mexico.....		36	119				
Nicaragua.....	12	1		Grand total.....	8,814	8,474	8,234
Panama.....	90	88	77				
Peru.....	116	90	63				
Philippines.....	451	276	231				

¹ Raw value is the equivalent in terms of 96° sugar.² Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 113

¹ Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.² Preliminary.³ Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.⁴ "Other Africa" includes Algeria, Cameroon, Chad, Congo, Gabon, Ghana, Guinea, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somalia, Sudan, Tunisia, and Zambia.⁵ "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 115.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1972-87 ¹

Item and year	Cane sugar refineries ²	Beet sugar factories	Importers of direct consumption sugar ³	Mainland cane sugar mills ⁴	Total
JAN. 1 STOCKS ⁵	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	255	1,258	1		1,514
1973.....	233	1,280	3		1,516
1974.....	257	1,130	1		1,388
1975.....	276	1,314	1		1,591
1976.....	223	1,490	0		1,723
1977.....	261	1,661	0		1,922
1978.....	312	1,580	85		1,977
1979.....	287	1,458	0		1,725
1980.....	240	1,126	0		1,366
1981.....	294	1,292	0		1,496
1982.....	255	1,193	0		1,448
1983.....	245	1,324	0		1,569
1984.....	210	1,031	0		1,241
1985.....	214	1,430	0		1,644
1986.....	197	1,189	0		1,386
1987.....	171	1,304	0		1,475
PRODUCTION OR RECEIPTS					
1972.....	7,304	3,303	89		10,696
1973.....	7,356	3,133	73		10,564
1974.....	7,608	3,016	56		10,674
1975.....	6,183	3,246	82		9,511
1976.....	6,561	3,741	76		10,378
1977.....	7,078	3,199	258		10,535
1978.....	6,942	2,967	95		9,904
1979.....	6,958	2,650	84		9,692
1980.....	7,162	2,852	7		10,021
1981.....	7,144	2,974	17		10,135
1982.....	5,726	2,953	46		8,725
1983.....	5,679	2,419	49		8,147
1984.....	6,042	3,058	39		9,139
1985.....	5,268	2,896	38		8,202
1986.....	5,117	2,219	37		8,373
DELIVERIES ⁶					
1972.....	7,326	3,281	87	70	10,764
1973.....	7,334	3,282	75	81	10,772
1974.....	7,590	2,826	56	54	10,526
1975.....	6,227	3,068	83	65	9,453
1976.....	6,534	3,572	76	15	10,197
1977.....	7,026	3,290	172	17	10,495
1978.....	6,987	2,989	180	18	10,174
1979.....	6,965	2,962	84	18	10,069
1980.....	7,100	2,973	7	45	10,125
1981.....	7,183	2,963	17	24	10,207
1982.....	5,736	2,540	46	24	8,646
1983.....	5,714	2,712	49	4	8,479
1984.....	5,630	2,732	39	13	8,414
1985.....	4,853	2,979	38	4	7,908
1986.....	4,623	3,077	37	3	7,740

¹ All sugars converted to refined basis.² Includes Hawaiian sugar for direct consumption.³ Includes Puerto Rican sugar for direct consumption.⁴ Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.⁵ Stocks include sugar in bond and in customs custody and control.⁶ Includes deliveries for export, for livestock feed, and for use in alcohol.⁷ Includes beet sugar, forfeited to and marketed by C.C.C.

National Agricultural Statistics Service.

Table 116.—Sugar, cane (raw ¹): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1972-86

Year	Jan. 1 stocks	Receipts ²	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	785	8,041	7,844	10
1973.....	972	7,948	7,910	12
1974.....	998	8,063	8,161	11
1975.....	886	8,206	8,039	11
1976.....	428	7,430	7,071	13
1977.....	776	8,315	7,564	12
1978.....	1,678	6,789	7,578	13
1979.....	964	7,057	7,539	14
1980.....	541	7,892	7,735	4
1981.....	691	7,855	7,693	
1982.....	844	5,856	6,183	
1983.....	517	6,287	6,241	
1984.....	473	6,045	6,100	
1985.....	523	5,445	5,890	
1986 ³	488	5,109	5,145	

¹ Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

² Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

³ Preliminary.

National Agricultural Statistics Service.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1972-86

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments ²	Domestic disappearance		
			Foreign sources	Territories ¹		Livestock feed and alcohol ³	Military and civilian use ⁴	Per capita consumption (refined) ⁵
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1972.....	6,915	2,823	5,459	140	50	62	11,487	102.3
1973.....	6,961	2,823	5,329	79	26	31	11,429	100.8
1974.....	8,662	2,646	5,770	187	72	8	10,945	95.7
1975.....	6,300	2,854	3,882	96	216	6	10,302	89.2
1976.....	6,738	2,856	4,658	203	76	0	10,893	93.4
1977.....	6,089	3,498	6,138	102	35	0	11,099	94.2
1978.....	5,602	4,491	4,683	52	48	4	10,889	91.4
1979.....	5,793	3,754	5,027	47	73	0	10,756	89.3
1980.....	5,736	3,701	4,495	178	689	0	10,169	83.6
1981.....	6,225	3,062	5,025	48	1,191	0	9,769	79.4
1982.....	5,936	3,461	2,964	80	137	0	9,153	73.6
1983.....	5,682	3,068	3,186	67	300	0	8,812	70.2
1984.....	5,890	2,570	3,569	24	429	0	8,454	66.7
1985.....	5,969	3,005	2,797	36	464	0	8,035	62.8
1986 ⁶	6,257	3,126	2,223	31	557	0	7,810	60.4

¹ Includes inshipments from Puerto Rico (and from Virgin Islands from 1966).

² Includes sugar used in manufacture of exported commodities.

³ Includes use for alcohol, beginning 1966.

⁴ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

⁵ Estimated.

Economic Research Service.

Table 118.—Sugar, centrifugal (raw value): International trade, 1983-85

Continent and country	1983		1984		1985 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:						
Belize.....	116		102		96	0
Canada.....	90	1,001	83	1,054	65	1,128
Costa Rica.....	58	17	84		3	0
El Salvador.....	93		78		115	0
Guatemala.....	404		304		128	0
Honduras.....	86		93		102	0
Mexico.....	15	833		273	66	0
Nicaragua.....	112		106		37	0
Panama.....	137		82		78	0
United States.....	201	2,667	296	3,021	364	2,375
Caribbean:						
Barbados.....	93		86		78	0
Cuba.....	6,792		7,017		7,309	0
Dominican Republic.....	956		885		722	0
Haiti.....	14	33	16	21	0	18
Jamaica.....	157	62	160	76	152	24
St. Christopher-Nevis.....	26		28		25	0
Trinidad and Tobago.....	63	43	47	86	62	28
Other North and Central America.....		20	2	35	1	37
Total North and Central America.....	9,393	4,677	9,471	4,566	9,303	2,540
South America:						
Argentina.....	739		529		157	0
Brazil.....	2,801		3,040		2,609	0
Chile.....		226		188	0	28
Colombia.....	303		183		295	0
Ecuador.....		103		154	25	0
Guyana.....	227		215		230	0
Peru.....	91	263	115	130	91	2
Venezuela.....		251		234	0	238
Other South America.....	75	3	26	10	20	15
Total South America.....	4,235	847	4,118	716	3,427	283
Europe:						
Total European Economic Community.....	4,910	1,516	4,393	1,572	4,280	1,295
Austria.....	133		73		41	0
Cyprus.....		18		21	0	25
Finland.....	82	178	31	76	7	65
Iceland.....		13		12	0	13
Malta.....	1	17		14	0	18
Norway.....		158		168	0	189
Portugal.....	33	295	26	288	4	575
Spain.....		69	32	47	0	76
Sweden.....	9	23	7	51	5	14
Switzerland.....	1	171	1	170	0	174
Turkey.....	340		580		308	54
Other Western Europe.....		10		13	0	9
Total Western Europe.....	599	952	750	860	365	1,203
Albania.....		16		15	0	22
Bulgaria.....		447	30	373	205	485
Czechoslovakia.....	115	115	234	187	248	123
German Dem. Rep.....	120	246	111	313	222	265
Hungary.....	50		1		44	0
Poland.....	230	2	301		186	25
Romania.....	79	222	3	272	133	63
Yugoslavia.....	16	113		226	15	0
Total Eastern Europe.....	810	1,161	680	1,386	1,053	983
Total Europe.....	6,119	3,629	5,823	3,818	2,106	3,481

See footnotes at end of table.

Table 118.—Sugar, centrifugal (raw value): International trade, 1983-85—Continued

Continent and country	1983		1984		1985 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union.....	148	5,998	204	5,704	175	4,477
Africa:						
Algeria.....		550		595	0	532
Angola.....		41		47	0	52
Egypt.....	19	912		901	0	711
Ethiopia.....	19		88		27	0
Ghana.....		8		33	0	34
Ivory Coast.....	85	13	46	23	22	32
Kenya.....	9	36	4	75	0	68
Libya.....		187		98	0	226
Madagascar.....	45	27	19		35	12
Malawi.....	95		89		143	0
Mauritius.....	644		562		671	0
Morocco.....		224		319	0	245
Mozambique.....	25	19	16	67	10	39
Nigeria.....		863		439	0	518
Senegal.....		48		22	0	1
Sierra Leone.....		5		9	0	14
South Africa.....	569	192	657	7	1,025	29
Sudan.....		53		39	0	12
Swaziland.....	374		391		380	0
Tanzania.....	21	5	11	13	12	22
Tunisia.....		193		158	4	192
Zaire.....		25		34	0	30
Zimbabwe.....	226		234	5	220	8
Other Africa.....	58	249	109	494	96	499
Total Africa.....	2,195	3,647	2,206	3,373	2,547	3,265
Asia:						
Afghanistan.....		67		98	0	36
Bangladesh.....		5		303	0	72
China.....	130	1,777	130	1,348	300	2,314
Taiwan.....	186		130		206	0
Hong Kong.....	15	144		106	16	147
India.....	783		309	394	41	1,781
Indonesia.....		158		6	0	3
Iran.....		623		607	0	625
Iraq.....		496		569	0	563
Israel.....		261		319	0	223
Japan.....	11	1,868	3	1,903	4	1,986
Jordan.....		122		121	0	95
Korea, Rep. of.....	349	775	271	838	336	858
Kuwait.....		51		85	2	52
Lebanon.....		42		87	0	56
Malaysia, West.....	71	560	130	580	93	619
Philippines.....	999		1,200	287	595	0
Saudi Arabia.....		289		523	0	259
Singapore.....	6	133	5	128	3	146
Sri Lanka.....		257		237	0	380
Syria.....		237		237	0	357
Thailand.....	1,411		1,444		1,781	0
Vietnam.....	10	83		57	16	14
Yemen (Aden).....		55		252	0	84
Yemen (Sanaa).....		150		103	0	206
Other Asia.....		298	54	349	0	331
Total Asia.....	3,973	8,553	3,676	9,517	3,293	11,117
Oceania:						
Australia.....	2,425		2,591		2,651	0
Fiji.....	345	14	386	6	418	0
New Zealand.....	3	152	3	177	0	174
Other Oceania.....	7	13	11	33	12	14
Total Oceania.....	2,781	179	2,990	216	3,082	188
World total².....	28,842	27,530	28,488	27,910	27,525	26,351

¹ Preliminary. ² World total may include countries not specified separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar (raw and refined): Average price per pound at specified markets, 1972-86

Year	Wholesale price, cane sugar			Retail price, granulated: United States ⁴	Year	Wholesale price, cane sugar			Retail price, granulated: United States ⁴
	Raw, 96° centrifugal		Refined: New York ³			Raw, 96° centrifugal		Refined: New York ³	
	Caribbean ports, f.o.b. and stowed ¹	New York, c.i.f. duty paid ²				Caribbean ports, f.o.b. and stowed ¹	New York, c.i.f. duty paid ²		
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1972.....	7.43	9.1	13.1	13.9	1980.....	29.02	30.1	41.0	42.7
1973.....	9.61	10.3	14.1	15.1	1981.....	16.93	19.7	30.7	40.0
1974.....	29.99	29.5	34.4	32.3	1982.....	8.42	19.9	29.9	34.3
1975.....	20.49	22.5	31.4	37.2	1983.....	8.49	22.0	32.0	36.2
1976.....	11.58	13.3	19.2	24.0	1984.....	5.18	21.7	31.5	36.3
1977.....	8.11	11.0	17.3	21.6	1985.....	4.04	20.3	31.4	35.3
1978.....	7.82	13.9	20.9	23.7	1986.....	6.05	21.0	31.4	35.1
1979.....	9.66	15.6	23.2	24.9					

¹ For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

² For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees. For June-Dec. 1985, prices for No. 12 nearby futures. Starting Jan. 1986 prices are for No. 14 nearby futures.

³ F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepay" and deduct discounts and allowances.

⁴ Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; John Crowe and Company; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 120.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1984-86 ¹

Country of origin	1984	1985	1986 ²	Country of origin	1984	1985	1986 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North and South America, including Caribbean area:				Africa:			
Argentina.....	200	148	51	Malawi.....	33	37	0
Barbados.....	0	16	0	Mauritius.....	31	10	27
Brazil.....	323	309	204	Mozambique.....	28	9	20
Colombia.....	60	164	116	South Africa.....	76	52	35
Costa Rica.....	84	3	65	Swaziland.....	44	17	25
Dominican Republic.....	484	430	287	Zimbabwe.....	39	14	19
Ecuador.....	18	25	17	Other Africa.....	23	30	34
El Salvador.....	62	70	43	Total.....	272	160	160
Guatemala.....	137	103	120	Asia and Oceania:			
Guyana.....	102	5	19	Australia.....	232	122	98
Nicaragua.....	5	5	0	Philippines.....	378	315	213
Panama.....	55	61	34	Thailand.....	39	34	22
Peru.....	98	91	52	Other Pacific Is. NEC.....	29	3	14
Other America.....	161	132	232	Other Asia and Oceania.....	78	42	80
Total.....	1,789	1,562	1,258	Total.....	756	516	377
				Unknown.....	250		
				Europe.....	(³)	(³)	1
				World total ⁴	3,021	2,275	1,796

¹ Includes raw sugar imports and refined sugar imports converted to raw basis.

² Preliminary.

³ Less than 500 tons.

⁴ World total may include countries not specified separately.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 121.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1984-86 ¹

Country of destination	1984	1985	1986 ²	Country of destination	1984	1985	1986 ²
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America, including Caribbean areas:				Europe:			
Bahamas.....	10,068	5,088	8,331	Denmark.....	23	1	0
Canada.....	30,061	79,455	75,376	Netherlands.....	959	124	197
Haiti.....	10,523	17,210	21,948	Other.....	132	282	183
Jamaica.....	40,128	22,894	34,697	Total.....	1,094	407	380
Leeward and Windward Islands.....	10,314	2,112	861				
Mexico.....	76,134	1,402	0	Africa:			
Netherlands Antilles.....	9,648	6,777	6,711	Egypt.....	38,652	3	0
Trinidad and Tobago.....	4,763	2	2	Nigeria.....	14	39	0
Other.....	1,564	21,003	1,019	Western Africa.....	88	1,243	0
Total.....	193,201	155,943	148,945	Other.....	2	12,158	12,681
				Total.....	38,756	13,438	12,681
South America:				Asia and Oceania:			
Chile.....	17,925	3,745	5,350	Japan.....	7,476	4	40
Peru.....	14,104	0	122,856	Jordan.....	0	29,388	11,770
Surinam.....	3,931	61	0	Indonesia.....	80	12	7
Venezuela.....	3,470	54,072	0	Israel.....	32	0	0
Other.....	1,177	0	19	Saudi Arabia.....	257	96	1,408
Total.....	40,607	57,878	128,225	Trust Ter. of Pac. Is.....	935	219	0
				Other.....	299	107,548	137,539
				Total.....	9,088	137,369	150,759
				World total.....	280,746	365,035	440,990

¹ Includes raw sugar exports and refined sugar exports converted to raw basis.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1984-86 ¹

Country	Sugar-making season			Country	Sugar-making season		
	1984	1985	1986 ²		1984	1985	1986 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Chile.....	52	99	25	Pakistan.....	479	479	552
Colombia.....	82	132	65	Ireland.....	93	104	106
South Africa.....	296	278	314	Japan.....	296	216	210
Argentina.....	132	320	250	Netherlands.....	92	149	270
Australia.....	486	603	348	Philippines.....	505	229	283
Brazil.....	1,825	1,386	886	Sweden.....	281	340	357
Mauritius.....	227	263	271	Switzerland.....	223	229	246
Ecuador.....	23	27	33	United States and insular areas.....	1,461	1,596	1,499
Spain.....	535	654	470	Uruguay.....	20	10	11
Greece.....	39	9	39	El Salvador.....	36	29	39
Finland.....	112	100	70	Guatemala.....	133	189	94
Guyana.....	22	19	18	India.....	2,437	1,903	2,166
Italy.....	467	350	256	Mexico.....	1,439	1,394	1,620
Turkey.....	648	423	305	Thailand.....	490	473	177
Canada.....	213	219	231	Egypt.....	160	150	150
United Kingdom.....	159	124	69	Dominican Republic.....	285	374	472
Venezuela.....	219	329	293	Barbados.....	6	13	24
Yugoslavia.....	278	278	267	Haiti.....	11	12	10
Austria.....	104	179	301	Jamaica.....	31	10	29
Belgium.....	151	94	92	Nicaragua.....	93	120	93
Costa Rica.....	47	82	111	Peru.....	60	67	129
Denmark.....	71	129	102	Trinidad and Tobago.....	10	13	13
France.....	688	1,016	1,073	Total.....	15,824	15,958	15,061
Germany, Fed. Rep. of.....	407	566	692				

¹ Estimated stocks at beginning of marketing year shown.² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 123.—Honey: United States imports for consumption, by country of origin, 1984-86

Continent and country of origin	1984	1985	1986 ¹	Continent and country of origin	1984	1985	1986 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	15,596	14,550	8,781	Germany, Fed. Rep. of.....	81	148	171
Dominican Republic.....	752	718	654	Greece.....	9	4	8
El Salvador.....	701	818	1,345	Hungary.....	968	991	191
Guatemala.....	601	658	488	Netherlands.....	11	27	118
Honduras.....	477	483	567	United Kingdom.....	32	23	34
Mexico.....	20,913	15,297	10,447	Other countries.....	189	364	596
Other countries.....	290	12	86	Total.....	1,290	1,557	1,118
Total.....	39,530	32,536	22,318				
South America:				Asia, Africa, and Oceania:			
Argentina.....	10,517	14,280	9,910	Australia.....	1,723	3,057	1,921
Brazil.....	17	613	1,856	China.....	5,498	10,243	16,069
Chile.....	49	47	90	Taiwan.....	17	1	1
Other countries.....	34	0	17	Egypt.....	13	0	0
Total.....	10,417	14,800	11,873	Hong Kong.....	62	289	256
				Japan.....	0	51	118
				New Zealand.....	27	44	27
				Other countries.....	0	38	11
				Total.....	7,335	13,723	18,397
				Grand total.....	58,872	62,706	53,706

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 124.—Beeswax, crude: United States imports for consumption, by country of origin, 1984-86

Continent and country of origin	1984	1985	1986 ¹	Continent and country of origin	1984	1985	1986 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	145	142	159	France.....	1	2	0
Dominican Republic.....	164	140	161	Other countries.....	2	92	40
Mexico.....	37	53	28	Asia and Oceania:			
Other countries.....	10	41	0	Australia.....	8	60	0
South America:				China.....	1	1	0
Brazil.....	89	296	230	Other countries.....	0	21	1
Chile.....	98	73	37	Total.....	620	961	666
Other countries.....	0	0	0				
Africa:							
Ethiopia.....	20	20	10				
Tanzania.....	28	18	0				
Other countries.....	18	1	0				

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 125.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1972-85

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973	112,360	158,138	44,900	9,837	22,000	348,235	51,025		51,025
1974	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975	125,430	188,175	45,000	10,178	24,500	393,283	49,349		49,349
1976	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977	114,330	167,079	50,668	5,183	39,700	376,960	42,144		42,144
1978	106,730	140,231	44,558	4,250	41,688	337,457	51,589		51,589
1979	107,389	135,854	39,049	3,463	40,318	326,073	57,537		57,537
1980	109,678	113,306	34,655	6,322	39,726	303,687	48,402		48,402
1981	123,504	147,791	47,754	6,134	19,466	350,649	53,152		53,152
1982	126,956	170,781	38,189	4,011	10,400	350,337	50,171		50,171
1983	123,007	162,762	31,549	4,609	9,100	331,027	54,354		54,354
1984	118,993	170,426	34,598	6,287		330,284	50,029		50,029
1985	132,541	168,000	25,574			326,115	44,316		44,316

Year	United States imports from foreign countries					Mainland exports ¹	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977	30,937	10,667	88,857	217,187	347,648	22,892	743,860
1978	9,220	12,895	97,606	161,280	271,010	30,290	630,766
1979	9,612	16,362	64,761	140,979	231,714	19,267	596,087
1980	5,214	23,791	33,867	77,467	140,339	23,656	468,772
1981	19,345	38,502	6,527	143,539	196,913	17,779	581,935
1982		32,030	19,751	151,945	203,726	47,195	587,039
1983	4,103	34,391	23,393	214,599	276,486	48,643	613,224
1984	10,233	29,050	17,666	200,300	257,249	26,375	611,187
1985	38,139	18,614	30,282	221,625	308,640	36,532	642,230

¹ Does not include exports from Hawaii and Puerto Rico.
Agricultural Marketing Service.

Table 126.—Edible syrups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1972-86

Year	Production ¹						Imports			
	Syrups				Honey	Total	Maple syrup	Edible molasses and cane syrup ²	Honey	Total
	Corn	Maple ³	Refiners	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972.....	387,880	1,099	2,077	2,290	18,210	411,556	710	1,623	3,291	5,624
1973.....	451,264	857	2,309	1,926	20,193	476,549	808	2,857	900	4,560
1974.....	498,313	1,087	2,564	1,559	15,866	519,389	801	2,469	2,196	5,466
1975.....	561,215	1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976.....	615,498	927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977.....	695,196	1,221	2,197	2,538	15,076	716,228	987	1,773	5,396	8,036
1978.....	751,809	1,154	2,571	2,759	19,466	777,759	811	2,077	4,727	7,615
1979.....	845,741	1,219	2,524	2,900	20,160	872,544	857	2,944	4,948	8,749
1980.....	941,066	973	1,983	1,900	16,871	962,783	855	3,422	4,143	8,420
1981.....	1,073,933	1,410	1,446	2,100	15,703	1,094,592	1,046	2,040	6,530	9,616
1982.....	1,212,759	1,292	1,003	1,550	18,666	1,235,270	1,154	2,566	7,787	11,487
1983.....	1,334,557	1,150	1,000	1,850	17,314	1,355,871	1,287	2,836	9,277	12,900
1984.....	1,501,377	1,366	950	2,070	13,936	1,519,699	1,248	3,495	10,869	15,612
1985.....	1,721,980	1,825	1,100	1,650	12,669	1,738,724	1,323	4,164	11,676	17,163
1986 ⁴	1,726,348	887	900	1,800	16,925	1,746,910	1,672	8,095	10,000	19,767

Year	Exports			Indicated domestic consumption				
	Corn syrup	Honey	Total	Syrups			Honey	Total
				Corn	Maple	Cane and refiners syrup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972.....	1,206	346	1,551	386,675	1,809	6,061	21,155	415,700
1973.....	1,377	1,485	2,862	449,887	1,660	7,170	19,609	478,326
1974.....	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975.....	1,070	337	1,407	560,145	1,814	7,079	20,403	589,441
1976.....	1,674	396	2,070	613,324	1,813	8,165	21,968	645,770
1977.....	1,543	466	2,009	683,653	2,088	6,508	20,006	722,255
1978.....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979.....	1,207	747	1,954	844,534	2,076	8,368	24,361	879,339
1980.....	3,498	722	4,220	937,558	1,828	7,620	20,292	967,298
1981.....	2,916	777	3,693	1,071,017	2,456	5,586	21,456	1,100,515
1982.....	791	721	1,512	1,211,968	2,446	5,119	25,712	1,245,245
1983.....	1,223	680	1,903	1,353,334	2,437	5,186	25,961	1,366,918
1984.....	856	627	1,283	1,500,721	2,614	6,515	24,178	1,534,028
1985.....	534	549	1,083	1,721,446	2,648	6,914	23,796	1,754,804
1986 ⁵	638	778	1,416	1,725,710	2,609	10,786	26,147	1,765,261

¹ Production of cane syrup and edible molasses is from the fall of the preceding year.² Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.³ U.S. Department of Commerce molasses and sugar syrups series.⁴ Estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn syrup production includes high-fructose corn syrup beginning 1972.⁵ Preliminary.

Economic Research Service.

Table 127.—Tobacco: Area, yield, production, and value, United States, 1972-86

Year	Area harvested	Yield per acre	Production ¹	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1972.....	842,420	2,076	1,749,085	83.0	1,451,275
1973.....	886,590	1,965	1,742,105	90.1	1,569,440
1974.....	952,620	2,067	1,980,728	108.6	2,159,875
1975.....	1,086,650	2,008	2,182,304	102.6	2,238,288
1976.....	1,046,920	2,041	2,136,674	112.5	2,404,337
1977.....	965,800	1,982	1,914,129	118.6	2,270,360
1978.....	963,730	2,101	2,024,820	132.4	2,679,967
1979.....	827,700	1,844	1,525,516	141.1	2,153,911
1980.....	921,020	1,939	1,786,225	152.3	2,720,406
1981.....	976,580	2,113	2,063,589	170.6	3,520,373
1982.....	912,730	2,185	1,994,494	176.4	3,518,956
1983.....	789,155	1,811	1,428,969	174.6	2,485,676
1984.....	791,700	2,183	1,727,962	180.6	3,120,850
1985.....	688,020	2,197	1,511,638	164.5	2,485,638
1986 ²	583,890	1,997	1,165,927	152.5	1,777,911

¹ Production figures are on farm-sales-weight basis.² Preliminary.

National Agricultural Statistics Service.

Table 128.—Tobacco: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
CO.....	1,770	2,000	1,990	1,595	1,658	1,539	2,824	3,315	3,062
FL.....	7,000	6,100	5,300	2,560	2,675	2,510	17,920	16,318	13,303
GA.....	38,000	36,000	31,000	2,250	2,280	2,190	85,500	82,080	67,590
IN.....	8,100	6,500	5,900	2,320	2,240	2,050	18,792	14,560	12,095
KY.....	228,500	186,300	153,300	2,320	2,300	2,054	530,988	428,409	314,940
MD.....	23,000	20,000	18,000	1,320	1,330	1,350	30,260	26,600	24,300
MA.....	500	490	470	1,570	1,594	1,323	785	781	622
MO.....	2,900	2,500	2,100	2,015	2,180	2,090	5,844	5,450	4,389
NC.....	271,600	250,700	214,600	2,172	2,220	2,073	590,026	555,522	444,790
OH.....	12,000	7,920	7,420	2,209	2,140	1,829	26,507	16,946	13,574
PA.....	12,000	11,500	11,000	1,964	1,904	1,965	22,370	21,900	21,630
SC.....	47,000	43,000	37,000	2,245	2,300	2,040	105,515	98,900	75,480
TN.....	74,990	61,710	49,180	2,062	2,065	1,682	154,646	127,403	82,707
VA.....	53,840	43,300	38,430	2,153	2,104	1,913	115,897	91,092	73,524
WV.....	2,400	1,800	1,600	1,970	1,880	1,650	4,488	3,384	2,640
WI.....	8,100	8,200	6,600	2,025	2,192	1,633	16,400	17,978	10,761
US.....	791,700	688,020	583,890	2,183	2,197	1,997	1,727,962	1,511,638	1,165,927

¹ Preliminary.

National Agricultural Statistics Service.

Table 129.—Tobacco: Area, yield, and production in specified countries, 1984-86

Continent and country	Area harvested			Yield per hectare			Production ¹		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Hec- tares	Hec- tares	Hec- tares	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North and Central America (incl. Caribbean):									
Canada	40,644	38,693	30,440	2.25	2.27	2.30	91,323	87,855	70,113
Costa Rica	1,399	1,389	1,289	1.48	1.61	1.56	2,071	2,562	2,016
Cuba	55,000	55,000	55,000	.84	.84	.84	46,000	46,000	46,000
Dominican Republic	28,452	23,000	26,800	1.15	1.18	1.08	30,459	27,145	28,940
El Salvador	710	688	688	1.94	1.83	1.83	1,375	1,256	1,256
Guatemala	6,300	6,188	4,216	1.87	1.40	1.69	11,785	8,660	7,109
Haiti	565	565	565	1.29	1.29	1.29	730	730	730
Honduras	3,547	3,399	2,294	1.51	1.51	1.74	5,049	5,139	3,962
Jamaica	1,069	1,094	1,175	2.17	1.27	1.99	2,360	1,387	2,339
Mexico	32,817	39,865	46,128	1.46	1.37	1.69	48,060	54,569	78,015
Nicaragua	2,240	2,240	2,240	2.03	2.03	2.03	4,550	4,550	4,550
Panama	690	760	740	1.67	1.77	1.86	1,152	1,343	1,378
Trinidad-Tobago	100	100	100	1.70	1.70	1.70	170	170	170
United States (incl. Puerto Rico)	320,396	278,599	236,377	2.45	2.45	2.24	783,790	686,875	528,932
Total	491,749	451,780	408,052	2.09	2.05	1.90	1,028,874	927,181	775,530
South America:									
Argentina	62,222	53,966	50,350	1.25	1.14	1.32	77,926	60,453	66,361
Brazil	276,000	258,000	267,000	1.45	1.53	1.44	401,000	411,000	385,000
Bolivia	1,250	1,250	1,250	1.00	1.00	1.00	1,250	1,250	1,250
Chile	2,504	2,472	2,395	3.25	3.14	3.20	8,130	7,770	7,660
Colombia	22,205	20,568	23,277	1.56	1.56	1.56	34,683	32,100	36,580
Ecuador	1,500	1,900	1,900	1.93	2.14	2.14	2,900	4,082	3,550
Guyana	100	100	100	1.00	1.00	1.00	100	100	100
Paraguay	15,000	5,850	5,000	1.33	1.25	1.16	20,000	7,320	5,800
Peru	2,480	2,500	2,500	1.24	1.24	1.24	3,080	3,100	3,100
Uruguay	800	800	800	1.75	1.75	1.75	1,400	1,400	1,400
Venezuela	8,183	8,000	7,950	1.80	1.80	1.70	14,755	14,429	13,516
Total	392,247	364,406	362,422	1.44	1.49	1.45	565,204	542,984	524,417
Europe:									
Belgium and Luxembourg	521	534	550	3.42	3.49	3.75	1,782	1,864	2,062
France	14,168	14,453	15,135	2.53	2.41	2.55	35,966	34,879	38,597
Germany, Fed. Rep. of	3,043	2,988	3,152	2.71	2.72	2.47	8,231	8,113	7,792
Greece	92,715	98,680	99,817	1.55	1.51	1.49	143,310	148,466	148,779
Italy	73,525	80,976	79,800	2.19	2.06	1.82	161,332	166,491	145,500
Total EC	183,972	197,631	198,454	1.86	1.89	.....	350,521	359,813	342,730
Austria	268	261	263	1.83	1.73	1.75	490	451	440
Portugal (incl. Azores)	1,815	1,941	2,043	2.08	2.12	2.14	3,677	4,124	4,380
Spain (incl. Canary Is.)	20,617	19,215	22,352	2.10	2.19	1.73	43,259	42,019	38,698
Switzerland	723	723	724	2.43	2.28	2.72	1,759	1,650	1,970
Total Western Europe	207,395	219,771	223,336	1.93	1.86	1.73	399,706	408,057	388,238
Albania	24,000	24,000	24,000	.54	.54	.54	13,000	13,000	13,000
Bulgaria	103,653	105,560	104,000	1.36	1.20	1.32	140,872	128,940	13,000
Czechoslovakia	3,816	3,878	3,880	1.39	1.47	.....	5,300	5,600	5,600
Germany, Dem. Rep. of	3,682	3,800	4,000	1.65	1.63	1.61	6,083	6,204	6,439
Hungary	12,188	12,500	12,200	1.60	1.87	2.21	19,496	23,400	27,000
Poland	49,820	52,976	50,381	1.97	2.10	2.33	98,251	111,065	117,490
Romania	35,100	34,000	35,000	1.06	.79	1.00	37,100	27,000	35,000
Yugoslavia	61,181	68,272	73,000	1.26	1.17	.....	77,000	80,000	88,000
Total Eastern Europe	298,440	304,926	306,461	1.25	1.29	1.41	397,102	393,299	429,629
Total Europe	500,835	524,697	530,297	1.59	1.53	.....	796,808	801,356	817,867
Soviet Union	191,500	193,500	193,500	1.99	1.94	1.97	381,700	376,000	381,000
Africa:									
Algeria	5,000	6,000	6,000	.90	1.00	1.00	4,500	6,000	6,000
Angola	3,950	3,950	3,950	.99	.99	.99	3,900	3,900	3,900
Burundi	2,000	2,000	2,000	.80	.80	.80	1,600	1,600	1,600
Cameroun	2,302	2,300	2,300	1.13	1.13	1.13	2,600	2,600	2,600
Congo	4,100	4,100	4,100	.44	.44	.44	1,800	1,800	1,800
Ghana	3,930	3,950	3,950	.27	.46	.47	1,166	1,832	1,835
Ivory Coast	250	250	250	1.00	1.00	1.00	250	250	250

See footnotes at end of table.

Table 129.—Tobacco: Area, yield, and production in specified countries, 1984-86—
Continued

Continent and country	Area harvested			Yield per hectare			Production ^a		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Hec- tares	Hec- tares	Hec- tares	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Africa—Continued									
Kenya.....	4,830	4,830	4,830	1.73	1.76	1.76	8,362	8,500	8,500
Liberia.....	10	10	10	.90	1.00	1.00	9	10	10
Libya.....	900	900	900	1.60	1.61	1.61	1,440	1,450	1,450
Madagascar.....	5,900	5,900	5,900	.90	.90	.90	5,300	5,300	5,300
Malawi.....	79,699	79,442	79,442	.86	.97	.84	68,800	77,083	66,713
Mauritius.....	768	768	768	1.36	1.36	1.36	1,044	1,044	1,044
Morocco.....	2,004	2,552	2,093	1.33	1.40	1.55	2,661	3,565	4,177
Mozambique.....	2,700	2,700	2,700	1.07	1.07	1.07	2,900	2,900	2,900
Nigeria.....	7,000	12,534	9,090	.83	.93	1.11	5,781	11,602	10,051
Sierra Leone.....	542	540	540	1.07	1.07	1.07	579	580	580
South Africa.....	31,994	34,041	32,241	1.12	1.10	1.07	35,860	37,360	34,630
Tanzania.....	19,160	20,400	21,100	.51	.56	.61	9,736	11,796	12,755
Tunisia.....	4,024	4,332	4,608	.84	.84	1.10	3,393	3,650	5,088
Uganda.....	4,300	4,300	4,300	.26	.26	.26	1,100	1,100	1,100
Zambia.....	2,520	2,108	3,480	1.06	1.24	1.27	2,991	2,619	4,756
Zaire.....	3,700	3,700	3,700	1.11	1.11	1.11	4,110	4,110	4,110
Zimbabwe.....	54,071	55,155	59,092	2.31	1.97	1.98	124,905	108,711	116,964
Total.....	245,954	257,262	257,944	1.20	1.16	1.16	294,787	299,261	298,113
Mid East and Asia:									
Bangladesh.....	51,675	52,805	54,000	.93	.94	.96	47,840	49,330	51,545
Burma.....	70,000	70,000	70,000	1.64	1.64	1.64	115,080	115,080	115,080
China.....	897,000	1,282,100	1,158,000	1.99	1.85	1.44	1,789,000	2,319,600	1,668,500
Taiwan.....	9,075	9,052	9,045	2.92	2.90	2.68	26,491	25,357	24,281
Cyprus.....	161	161	161	1.50	1.50	1.50	241	241	241
India.....	439,700	430,600	400,500	1.12	1.10	1.10	492,500	472,800	439,400
Indonesia.....	164,123	391,800	268,005	.60	.57	.56	96,636	172,500	154,111
Iran.....	18,000	18,000	18,000	1.39	1.39	1.39	25,000	25,000	25,000
Iraq.....	15,000	17,000	21,000	.93	1.00	.81	14,000	17,000	17,000
Israel.....	900	1,000	800	.51	.80	.57	455	796	455
Japan.....	53,384	47,801	47,706	2.54	2.43	2.45	135,477	116,209	118,220
Jordan.....	7,200	2,850	2,850	.81	.96	.96	5,500	2,803	2,800
Kampuchea.....	9,000	9,000	9,000	.56	.56	.56	5,000	5,000	5,000
Korea, Dem. Peo. Rep. of.....	37,000	37,000	37,000	1.24	1.24	1.24	46,000	46,000	46,000
Korea, Rep. of.....	38,819	36,440	34,456	2.43	2.08	2.41	94,172	75,679	82,982
Laos.....	4,000	4,000	4,000	.75	.75	.75	3,000	3,000	3,000
Lebanon.....	3,750	3,750	3,750	1.33	1.33	1.33	5,000	5,000	5,000
Malaysia.....	10,568	16,456	16,250	.68	.58	.58	7,177	9,379	14,297
Pakistan.....	44,319	50,200	45,571	1.78	1.74	1.72	79,080	87,400	75,290
Philippines.....	88,156	56,303	56,573	1.24	1.35	1.29	109,424	75,871	72,802
Singapore.....	30	30	30	1.67	1.67	1.67	50	50	50
Sri Lanka.....	12,164	12,165	12,165	.74	.74	.74	9,000	9,000	9,000
Syria.....	13,631	12,485	13,969	1.05	1.11	1.19	14,368	13,899	16,617
Thailand.....	85,163	68,987	81,536	.94	1.10	1.06	80,283	75,624	64,991
Turkey.....	188,751	176,872	187,830	.94	.96	.96	177,529	170,491	181,506
Vietnam.....	32,000	32,000	32,000	.86	.86	.86	28,000	28,000	28,000
Total.....	2,293,569	2,718,357	2,564,197	1.49	1.44	1.25	3,408,583	3,921,118	3,204,112
Oceania:									
Australia.....	6,489	5,394	4,641	2.35	2.51	2.41	15,259	13,549	11,300
New Zealand.....	620	620	620	2.55	2.55	2.55	1,580	1,580	1,580
Total.....	7,109	6,014	5,261	2.37	2.52	2.43	16,839	15,129	12,780
World total.....	4,122,963	4,516,016	4,321,673	1.57	1.52	1.39	6,492,795	6,863,129	6,013,619

¹ Preliminary.² Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1978-86 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total flue-cured, types 11-14:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1978.....	602,090	2,046	1,231,643	2,051,906	3,283,549	* 1,182,955	598,669	584,286	135.0
1979.....	502,800	1,881	945,775	2,074,828	3,020,603	* 1,083,205	520,000	563,205	140.0
1980.....	555,110	1,957	1,086,099	1,965,386	3,051,485	* 1,038,513	506,916	529,597	144.5
1981.....	540,600	2,164	1,169,733	2,012,570	3,182,303	* 1,011,732	522,947	488,786	166.4
1982.....	472,300	2,131	1,006,527	2,145,138	3,151,665	* 934,737	455,875	478,777	178.5
1983.....	409,800	2,004	821,288	2,204,654	3,025,942	* 894,150	452,544	441,606	177.9
1984.....	392,000	2,206	864,625	2,165,304	3,029,929	* 934,785	480,493	454,292	181.1
1985.....	357,100	2,241	800,258	2,080,119	2,880,377	* 911,494	435,085	476,400	171.9
1986 ⁴	308,300	2,091	644,563	1,958,025	2,602,518				152.7
Total fire-cured, types 21-23:									
1978.....	33,200	1,755	58,260	59,878	117,938	41,937	25,820	16,117	110.4
1979.....	26,890	1,674	45,005	76,001	121,006	43,728	22,463	21,265	114.3
1980.....	23,260	1,559	36,260	77,278	113,538	42,190	19,865	22,325	128.3
1981.....	24,650	1,526	37,624	71,348	108,972	37,558	21,177	16,381	157.1
1982.....	28,310	1,881	53,256	71,352	124,608	45,680	22,079	23,601	152.0
1983.....	26,210	1,417	37,138	78,928	116,066	43,837	22,883	22,954	174.8
1984.....	28,290	2,001	56,620	72,229	128,849	34,466	17,783	16,683	151.4
1985.....	25,110	2,007	50,385	94,383	144,768	42,509	21,187	21,322	146.9
1986 ⁴	21,080	1,958	41,271	102,259	143,530				143.1
Virginia fire-cured, type 21:									
1978.....	6,100	1,120	6,832	8,669	15,501	4,604	3,548	956	94.5
1979.....	4,800	1,135	5,448	10,897	16,345	7,082	3,788	3,294	107.9
1980.....	3,900	935	3,647	9,263	12,910	4,632	2,033	2,599	128.1
1981.....	4,100	1,265	5,187	8,278	13,198	4,531	2,711	1,820	131.2
1982.....	4,800	1,150	5,520	8,572	14,392	4,139	1,510	2,629	117.6
1983.....	4,700	985	4,630	10,253	14,883	6,837	2,104	4,733	126.8
1984.....	4,800	1,325	6,095	8,046	14,141	4,095	3,017	1,078	117.8
1985.....	3,600	1,245	4,482	10,046	14,528	5,627	4,709	3,918	124.0
1986 ⁴	2,900	1,220	3,538	5,901	9,439				127.8
Kentucky and Tennessee fire- cured, types 22-23:									
1978.....	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979.....	22,080	1,791	39,557	65,104	104,661	36,646	18,675	17,971	115.2
1980.....	19,260	1,685	32,613	68,015	100,628	37,558	17,832	19,726	139.4
1981.....	20,550	1,578	32,437	63,070	100,064	33,027	18,466	14,561	161.1
1982.....	23,510	2,030	47,736	62,480	110,216	41,541	20,569	20,972	158.0
1983.....	21,510	1,511	32,508	68,675	101,183	37,000	20,779	16,221	181.7
1984.....	23,690	2,133	50,525	64,183	114,708	30,371	14,766	15,605	158.4
1985.....	21,510	2,134	45,903	84,337	130,240	33,882	16,478	17,404	150.3
1986 ⁴	18,180	2,078	37,773	96,358	134,131				143.9
Burley, type 31:									
1978.....	261,000	2,396	626,273	1,218,439	1,844,702	* 624,304	121,471	502,833	131.2
1979.....	238,100	1,873	445,845	1,211,735	1,687,580	* 631,750	133,283	498,467	145.2
1980.....	276,600	2,027	560,783	1,025,812	1,586,595	* 583,124	105,494	477,630	165.9
1981.....	331,200	2,203	729,774	1,000,221	1,729,995	* 604,917	141,016	463,898	180.7
1982.....	346,200	2,374	821,918	1,120,907	1,942,825	* 578,875	134,448	444,027	180.1
1983.....	392,600	1,645	481,439	1,318,726	1,800,165	* 501,031	112,306	388,726	177.3
1984.....	315,700	2,256	712,209	1,344,396	2,056,604	* 556,193	153,627	402,566	187.6
1985.....	255,100	2,247	573,321	1,461,915	2,085,236	* 575,566	150,631	424,935	159.4
1986 ⁴	210,700	1,936	407,922	1,428,249	1,836,171				166.5
Maryland, type 32:									
1978.....	24,000	1,275	30,600	50,606	81,206	31,156	10,144	21,012	123.1
1979.....	19,500	1,130	22,035	50,505	72,085	33,556	9,987	23,569	139.7
1980.....	23,990	1,091	26,176	38,529	64,705	27,295	8,739	18,556	167.9
1981.....	36,230	1,281	46,424	37,410	83,834	36,472	8,088	28,384	157.3
1982.....	29,340	1,433	42,049	47,362	89,411	38,898	12,935	25,963	146.1
1983.....	31,300	1,196	37,440	50,513	87,953	33,844	4,108	29,736	106.9
1984.....	27,300	1,386	38,100	54,109	92,209	37,700	9,690	28,670	132.0
1985.....	23,500	1,400	32,900	54,509	87,409	35,751	7,982	27,769	129.0
1986 ⁴	21,400	1,445	30,930	53,408	84,338				118.9

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1978-86 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total dark air-cured, types 35-37:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1978.....	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979.....	10,240	1,633	16,717	36,327	53,044	16,832	2,035	14,797	111.0
1980.....	9,690	1,716	16,624	36,192	52,816	14,752	2,440	12,312	126.5
1981.....	10,210	1,599	16,330	38,064	54,394	14,879	946	12,595	133.0
1982.....	10,770	1,916	20,636	39,515	60,151	16,449	2,224	12,066	158.8
1983.....	9,190	1,597	14,673	43,702	58,375	14,350	2,532	11,829	128.9
1984.....	9,240	2,118	19,569	44,025	63,594	14,361	2,532	11,829	128.9
1985.....	7,700	2,002	15,419	49,233	64,652	12,798	2,944	9,849	125.9
1986 ⁴	5,430	2,038	11,066	51,859	62,925				120.1
One Sucker, type 35:									
1978.....	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979.....	7,100	1,661	11,792	19,440	31,232	11,460	1,816	9,644	114.1
1980.....	7,100	1,747	12,402	19,772	32,174	8,867	2,278	6,589	126.5
1981.....	7,400	1,636	12,103	23,307	35,410	9,819	2,133	7,686	136.0
1982.....	7,400	1,959	14,497	25,591	40,088	10,878	787	10,091	122.4
1983.....	6,000	1,621	9,728	29,210	38,938	10,265	2,105	8,160	155.4
1984.....	6,100	2,151	13,120	28,673	41,793	10,518	1,948	8,570	131.1
1985.....	5,200	2,058	10,704	31,275	41,979	9,864	2,130	7,734	129.3
1986 ⁴	3,600	1,981	7,130	32,115	39,245				122.5
Green River, type 36:									
1978.....	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979.....	2,600	1,675	4,355	14,709	19,064	4,648	39	4,628	105.3
1980.....	2,200	1,740	3,828	14,396	18,224	5,093	55	5,038	126.5
1981.....	2,300	1,545	3,554	13,131	17,271	4,336	8	4,328	123.1
1982.....	2,800	1,930	5,404	12,349	17,753	4,712	80	4,632	124.3
1983.....	2,700	1,690	4,563	13,041	17,604	3,613	68	3,545	142.5
1984.....	2,700	2,170	5,853	13,991	19,850	3,310	425	2,885	120.7
1985.....	2,800	1,950	4,485	16,540	21,540	2,214	566	1,648	119.0
1986 ⁴	1,700	2,220	3,774	18,111	22,585				114.4
Virginia sun-cured, type 37:									
1978.....	730	1,205	880	1,834	2,714	536	192	344	88.8
1979.....	540	1,055	570	2,178	2,748	724	199	525	90.8
1980.....	390	1,010	394	2,024	2,418	792	107	685	127.1
1981.....	510	1,320	673	1,626	2,275	724	143	581	131.7
1982.....	570	1,290	735	1,575	2,310	859	79	780	106.4
1983.....	490	780	382	1,451	1,833	472	111	361	132.5
1984.....	440	1,340	590	1,361	1,951	533	159	374	94.3
1985.....	200	1,150	230	1,418	1,648	715	248	467	100.0
1986 ⁴	130	1,245	162	933	1,095				124.2
Total continental cigar filler, types 41-44:									
1978.....	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	62.2
1979.....	12,500	1,572	19,646	61,933	81,579	28,684	266	28,418	89.0
1980.....	14,400	1,881	27,080	52,895	79,975	23,671	537	23,334	88.8
1981.....	15,000	1,981	29,713	56,104	85,817	29,096	211	28,887	82.1
1982.....	12,500	1,983	24,910	56,719	81,629	21,621	393	21,228	75.4
1983.....	9,100	1,776	16,163	60,008	76,171	22,355	304	22,051	82.1
1984.....	8,800	1,913	16,830	53,816	76,646	22,005	210	21,795	90.0
1985.....	8,820	1,959	17,281	48,641	65,922	17,128	230	16,898	72.6
1986 ⁴	7,920	1,984	15,710	48,794	64,504				66.7
Pennsylvania seedleaf filler, type 41:									
1978.....	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979.....	11,200	1,580	17,696	55,672	73,368	24,273	286	24,007	72.0
1980.....	13,000	1,900	24,700	49,095	73,795	21,705	537	21,168	87.0
1981.....	13,300	2,050	27,265	52,090	79,355	27,012	211	26,801	80.0
1982.....	10,700	2,000	21,400	52,343	73,743	19,618	393	19,225	73.0
1983.....	7,700	1,850	14,245	54,125	68,370	20,415	304	20,111	83.0
1984.....	7,700	1,900	14,630	47,955	62,585	20,125	210	19,915	90.0
1985.....	8,000	1,950	15,600	42,460	58,060	16,339	230	16,109	71.0
1986 ⁴	7,600	2,000	15,200	41,721	56,921				66.0

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1978-86 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Miami Valley (Ohio) filler, types 42-44:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1978	1,600	1,850	2,960	6,996	9,956	3,695		3,695	64.0
1979	1,300	1,500	1,950	6,261	8,211	4,411		4,411	87.0
1980	1,400	1,700	2,380	3,800	6,180	2,166		2,166	107.0
1981	1,700	1,440	2,448	2,060	4,508	2,086		2,086	105.0
1982	1,800	1,550	3,510	4,376	7,886	2,003		2,003	90.0
1983	1,400	1,370	1,918	5,883	7,801	1,940		1,940	75.0
1984	1,100	2,080	2,200	5,861	8,061	1,880		1,880	90.0
1985	820	2,050	1,881	6,181	7,882	789		789	87.0
1986 ⁴	320	1,595	510	7,073	7,583				89.0
Puerto Rican filler, type 46:⁵									
1978	2,300	1,400	3,107	6,432	9,530	2,594		2,594	57.0
1979	2,000	1,000	2,019	6,945	8,964	886		886	60.1
1980	1,100	1,580	1,520	8,078	10,578	1,644		1,644	73.5
1981	1,000	1,000	600	7,968	7,859	1,309		1,309	86.0
1982	300	1,000	300	7,259	7,559	712		712	91.0
1983	800	1,000	800	6,847	7,647	1,587		1,587	91.0
1984	600	1,000	600	6,060	6,660	283		283	74.0
1985	400	1,000	400	6,377	6,777	949		949	74.0
1986 ⁴	200	1,000	200	6,028	6,228				75.0
Total cigar binder, types 51-55:									
1978	13,620	1,684	22,940	50,013	72,958	22,195	88	22,107	105.6
1979	14,370	1,911	27,457	50,763	78,220	23,651	168	23,483	120.9
1980	14,400	1,985	28,590	54,569	83,159	23,504	206	23,298	129.9
1981	15,440	1,932	29,830	61,822	91,652	22,104	123	21,981	118.9
1982	12,200	1,941	23,675	67,099	90,774	23,316	187	23,129	115.2
1983	9,975	1,920	19,156	67,558	86,714	21,048	188	20,860	115.5
1984	9,150	1,998	18,284	65,180	83,464	20,089	313	19,776	116.4
1985	9,330	2,147	20,033	63,375	83,408	23,073	222	22,851	110.6
1986 ⁴	7,730	1,653	12,781	59,917	72,696				108.4
Connecticut Valley binder, types 51- 52:									
1978	1,520	1,734	2,635	4,920	7,555	2,071	79	1,992	144.9
1979	1,470	1,637	2,407	5,484	7,891	2,227	167	2,060	161.5
1980	1,500	1,750	2,625	5,664	8,298	2,197	173	2,024	178.6
1981	1,740	1,998	3,477	6,092	9,569	2,483	112	2,371	182.1
1982	2,100	1,685	3,539	7,086	10,625	3,286	185	3,101	180.9
1983	1,875	1,798	2,465	7,270	9,735	3,074	156	2,918	155.7
1984	1,050	1,794	1,884	6,841	8,545	2,608	280	2,314	167.6
1985	1,130	1,819	2,055	5,942	7,997	1,474	222	1,252	177.5
1986 ⁴	1,130	1,770	2,000	6,523	8,523				177.5
Wisconsin binder, types 54-55:									
1978	12,100	1,678	20,305	45,098	65,403	20,124	9	20,115	100.5
1979	12,900	1,942	25,050	45,279	70,223	22,018	1	22,017	117.0
1980	12,900	2,013	25,965	48,905	74,870	21,307	35	21,272	125.0
1981	13,700	1,924	26,353	55,730	82,083	19,621	11	19,610	110.6
1982	10,100	1,594	20,136	60,013	80,149	19,861	2	19,859	103.7
1983	8,600	1,941	16,891	60,288	76,979	18,460	32	18,428	109.6
1984	8,100	2,025	16,400	58,519	74,919	17,488	24	17,462	110.5
1985	8,200	2,192	17,978	57,423	75,401	21,599	0	21,599	103.0
1986 ⁴	6,600	1,633	10,781	53,394	64,175				95.6
Southern Wisconsin, type 54:									
1978	6,200	1,900	11,160	26,047	37,207	11,361		11,361	100.5
1979	6,300	2,080	13,104	25,946	38,950				125.0
1980	6,300	2,110	13,293						113.0
1981	6,400	2,150	13,760						106.0
1982	5,100	2,110	10,761						110.0
1983	4,400	2,080	9,152						111.0
1984	3,900	2,105	8,210						103.0
1985	3,900	2,465	9,614						95.0
1986 ⁴	3,100	1,530	4,763						

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1978-86 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Northern Wisconsin, type 55:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1978	5,900	1,550	9,145	19,051	28,196	8,763		8,754	100.5
1979	6,600	1,510	11,946	19,433	31,379				117.0
1980	6,600	1,920	12,672						125.0
1981	7,300	1,725	12,583						106.0
1982	5,000	1,875	9,375						101.0
1983	4,200	1,795	7,539						109.0
1984	4,200	1,950	8,190						110.0
1985	4,300	1,945	8,364						103.0
1986 ⁴	3,500	1,725	6,038						96.0
Total cigar wrapper, types 61-62:									
1978	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979	2,720	1,472	4,003	10,240	14,243	6,456	5,389	1,067	850.0
1980	2,990	1,513	4,524	7,787	12,311	6,129	3,962	2,167	980.0
1981	2,600	1,592	4,138	6,182	10,320	5,056	1,565	3,491	1,000.0
1982	1,120	1,421	1,592	5,254	6,846	3,418	1,986	2,432	1,250.0
1983	980	1,706	1,672	3,428	5,100	1,361	1,000	361	1,100.0
1984	1,220	1,414	1,725	3,789	5,464	2,667	2,180	477	1,250.0
1985	1,360	1,501	2,041	2,907	4,848	2,217	2,000	217	1,385.0
1986 ⁴	1,330	1,386	1,684	2,633	4,317				1,310.0
Connecticut Valley shadegrown, type 61:									
1978	2,710	1,392	3,773	9,275	13,048	4,927	4,894	43	750.0
1979	2,720	1,472	4,003	8,121	12,124	5,380	4,915	465	850.0
1980	2,990	1,513	4,524	6,744	11,268				980.0
1981	2,600	1,592	4,138	5,353	9,471				1,000.0
1982	1,120	1,421	1,592	4,923	6,516				1,250.0
1983	980	1,706	1,672	3,312	4,964				1,100.0
1984	1,220	1,414	1,725	3,684	5,409				1,250.0
1985	1,360	1,501	2,041	2,907	4,848				1,385.0
1986 ⁴	1,330	1,386	1,684	2,633	4,317				1,310.0
Georgia-Florida shadegrown, type 62:									
1978	0	0	0	3,429	3,429	1,310	410	900	
1979				2,119	2,119	1,076		602	
1980				1,043	1,043				
1981				839	839				
1982				331	331				
1983				116	116				
1984				55	55				
1985				0	0				
1986 ⁴				0	0				
Total tobacco, types 11-72:⁵									
1978	965,930	2,099	3,927,927	3,543,603	5,571,530	1,957,887	764,755	1,193,082	132.2
1979	829,200	1,843	1,528,568	3,579,264	5,107,832	1,868,044	689,269	1,179,775	141.0
1980	921,620	1,940	1,787,692	3,258,448	5,046,140	1,761,022	650,161	1,110,871	152.3
1981	976,580	2,114	2,064,211	3,291,217	5,335,428	1,763,032	697,411	1,065,621	170.6
1982	913,090	2,185	1,995,294	3,560,605	5,555,468	1,664,452	629,224	1,035,228	176.4
1983	789,955	1,810	1,429,769	3,534,364	5,264,133	1,533,563	505,616	927,947	174.5
1984	792,300	2,182	1,725,562	3,809,244	5,537,806	1,622,539	666,168	956,361	180.6
1985	688,420	2,196	1,512,038	3,865,386	5,377,418	1,621,480	630,281	1,011,199	164.5
1986 ⁴	584,090	1,996	1,166,127	3,557,778	4,822,905				162.5

¹ July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.

² Exports by rehandling trade included in totals of types from which they are made.

³ Disappearance adjusted for tobacco still on farms at end of marketing year.

⁴ Preliminary.

⁵ Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

⁶ Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.

Table 131.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1983-87 (farm-sales-weight basis) ¹

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Flue-cured, types 11-14:					Miami Valley (Ohio) filler, types 42-44:				
1983.....	2,692,962	2,390,012	2,304,654	2,604,608	1983.....	2,793	6,003	6,304	5,883
1984.....	2,549,772	2,329,840	2,165,304	2,507,122	1984.....	5,389	6,112	6,376	5,861
1985.....	2,451,380	2,250,587	2,080,119	2,396,445	1985.....	4,850	6,503	6,520	6,181
1986.....	2,360,375	2,132,070	1,958,025	2,216,827	1986.....	6,045	6,483	6,366	7,073
1987.....	2,140,894				1987.....	6,872			
Virginia fire-cured, type 21:					Puerto Rican filler, type 46: ²				
1983.....	11,477	12,558	11,833	10,253	1983.....	7,320	7,112	6,978	6,847
1984.....	10,028	10,306	9,603	8,046	1984.....	6,437	5,959	6,251	6,060
1985.....	9,455	12,340	11,352	10,046	1985.....	6,771	6,226	6,257	6,377
1986.....	6,930	9,218	7,057	5,901	1986.....	6,194	5,760	5,937	6,028
1987.....	7,634				1987.....	6,015			
Kentucky and Tennessee fire-cured, types 22-23:					Connecticut Valley, types 51-52:				
1983.....	53,349	84,017	76,858	68,675	1983.....	8,124	8,600	8,435	7,290
1984.....	66,198	78,747	74,863	64,183	1984.....	7,810	7,664	7,309	6,661
1985.....	58,745	91,276	89,392	84,337	1985.....	6,426	6,579	6,087	5,942
1986.....	74,098	106,235	104,559	96,358	1986.....	6,240	6,916	7,096	6,523
1987.....	87,957				1987.....	6,901			
Burley, type 31:					Wisconsin, types 54-55:				
1983.....	1,447,864	1,560,293	1,442,853	1,318,726	1983.....	55,987	67,572	65,350	60,288
1984.....	1,537,072	1,509,179	1,445,596	1,344,395	1984.....	57,617	68,918	63,350	58,519
1985.....	1,698,885	1,689,257	1,576,152	1,461,915	1985.....	56,043	68,582	60,084	57,433
1986.....	1,714,896	1,709,785	1,562,987	1,428,249	1986.....	50,057	73,302	58,895	53,394
1987.....	1,613,402				1987.....	50,014			
Maryland, type 32:					Connecticut Valley shade-grown, type 61:				
1983.....	38,808	46,321	50,953	50,513	1983.....	4,485	4,149	3,312	3,792
1984.....	48,315	52,792	61,578	54,109	1984.....	4,160	3,920	3,684	3,164
1985.....	49,001	47,958	58,192	54,509	1985.....	3,340	2,904	2,907	3,033
1986.....	48,535	48,123	58,320	58,408	1986.....	3,527	2,718	2,633	2,965
1987.....	47,750				1987.....	2,631			
One Sucker, type 35:					Georgia and Florida shade-grown, type 62:				
1983.....	27,602	34,744	31,811	29,218	1983.....	105	112	116	104
1984.....	30,986	31,994	31,091	28,673	1984.....	64	57	55	38
1985.....	28,817	35,858	33,664	31,275	1985.....	8	0	0	0
1986.....	32,961	35,563	33,475	32,115	1986.....	0	0	0	0
1987.....	33,309				1987.....	0			
Green River, type 36:					Perique, type 72:				
1983.....	12,923	14,999	13,941	13,041	1983.....	149	144	161	140
1984.....	14,901	15,951	15,465	13,991	1984.....	170	187	164	387
1985.....	14,829	18,683	18,028	16,540	1985.....	167	290	188	175
1986.....	17,641	20,928	20,356	18,511	1986.....	145	296	182	257
1987.....	20,462				1987.....	788			
Virginia sun-cured, type 37:					Other miscellaneous domestic, type 73:				
1983.....	1,753	1,751	1,585	1,451	1983.....	3,846	4,330	4,679	4,532
1984.....	1,594	1,612	1,490	1,361	1984.....	7,645	7,234	4,483	3,593
1985.....	1,402	1,619	1,494	1,418	1985.....	6,007	3,387	4,159	3,846
1986.....	1,207	1,357	987	933	1986.....	2,042	2,169	5,456	10,024
1987.....	1,049				1987.....	9,452			
Pennsylvania seedleaf, type 41:									
1983.....	49,881	55,206	58,661	54,125					
1984.....	50,524	52,612	52,383	47,955					
1985.....	38,044	49,974	47,138	42,460					
1986.....	38,430	42,413	45,547	41,721					
1987.....	36,646								

See footnotes at end of table.

Table 131.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1983-87 (farm-sales-weight basis)¹—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Foreign-grown cigar-leaf, types 81-89:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Foreign-grown cigarette and smoking, types 91-93:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1983.....	92,705	88,434	86,546	84,983	1983.....	795,870	901,828	905,923	884,854
1984.....	83,268	89,484	87,599	86,685	1984.....	874,810	884,144	861,258	944,261
1985.....	90,659	85,020	85,916	81,499	1985.....	919,131	881,660	910,240	887,123
1986.....	86,993	86,158	86,133	80,678	1986.....	834,909	855,830	883,416	840,995
1987.....	76,444				1987.....	831,879			

¹ Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

² Stocks on the island of Puerto Rico are included.

Agricultural Marketing Service.

Table 132.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1975-86

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 ¹	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 ²	Plug	Twist	Fine-cut	Loose-leaf			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1975.....	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976.....	4,178	2,246	1.4	493,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977.....	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978.....	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979.....	3,601	1,599	2.2	704,243	15,291	2,001	13,318	71,659	32,789	23,700	158,758
1980 ³	3,454	1,440	1.3	714,307	17,345	1,878	14,747	72,071	32,184	24,296	162,521

¹ Cigars produced in bonded manufacturing warehouses are included. ² "King size" cigarettes included in this category. ³ Last year of series presented in this format. New series began in 1981. See table below.

Manufactured

Year	Cigars		Cigarettes		Chewing tobacco			Smoking tobacco			Snuff	Total chewing, smoking, and snuff
	Large	Small	Large ¹	Small	Plug	Twist	Loose-leaf	Pipe	Granulated	Cigarette cut		
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1981.....	3,418.0	1,350.3	0.9	727,337.0	17,828	1,820	70,291	26,998	324	3,090	42,457	162,828
1982.....	3,168.8	1,203.5	2.5	694,190.8	15,671	1,748	72,973	25,314	348	2,680	43,750	162,304
1983.....	3,134.8	1,402.9	.8	666,907.9	14,096	1,690	71,028	23,654	378	3,965	46,676	161,487
1984.....	3,129.8	1,255.6	2.9	668,229.5	12,627	1,653	74,407	20,809	310	3,427	49,403	162,636
1985.....	2,825.7	1,244.5	.4	665,172.4	11,338	1,530	74,047	18,425	400	3,225	48,742	157,727
1986 ²	2,927.6	1,493.4	.4	642,959.8	10,408	1,414	80,610	16,025	254	3,065	47,469	148,245

Taxable removals and domestic invoices³

1981.....	3,213.3	1,323.0	.7	633,299.4	17,867	1,861	70,519	26,774	321	2,941	41,974	162,257
1982.....	3,556.1	1,304.2	.8	614,018.6	15,322	1,767	70,886	24,527	346	3,022	43,870	159,740
1983.....	3,459.7	1,334.3	1.0	597,468.3	13,935	1,709	70,923	22,975	362	3,639	45,689	159,232
1984.....	3,332.8	1,234.1	.7	597,896.6	12,627	1,632	72,974	20,567	328	3,422	47,672	161,222
1985.....	3,017.1	1,217.8	.3	594,935.8	11,861	1,516	71,732	18,091	384	3,272	48,630	155,486
1986 ²	2,904.5	966.6	.2	575,018.9	10,215	1,432	67,147	15,623	256	3,310	46,688	144,671

Tax-free removals and exports

1981.....	158.8	11.9	(*)	89,576.5	144	0	50	788	0	3	117	1,102
1982.....	158.2	22.8	(*)	82,117.9	131	0	64	699	0	2	1,068	1,904
1983.....	140.0	16.6	0	69,680.1	132	0	74	610	0	2	951	1,789
1984.....	120.5	13.9	0	66,499.9	102	0	80	433	0	1	1,176	1,792
1985.....	101.3	4.9	0	74,302.8	90	0	97	1,205	0	0	997	2,389
1986 ²	101.3	4.9	0	74,302.8	90	0	97	1,205	0	0	997	2,389

¹ Weighing more than three pounds per thousand. ² Preliminary. ³ Includes cigars and cigarettes imported or brought into the United States and Puerto Rico. ⁴ Less than 50,000.

Agricultural Marketing Service.

Table 133.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1972-86¹

Year	Cigarettes			Large cigars ²			Smoking, chewing, and snuff ³		All tobacco products ²	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	Billions	Million pounds	Number	Billions	Million pounds ⁴	Number				
1972.....	567	1,111	4,043	7.3	117	52	110	0.79	1,350	9.65
1973.....	590	1,126	4,148	7.0	109	49	106	.75	1,362	9.53
1974.....	599	1,142	4,141	6.4	102	44	109	.75	1,361	9.41
1975.....	607	1,138	4,123	5.8	93	39	106	.72	1,346	9.14
1976.....	614	1,102	4,092	5.4	86	36	109	.73	1,291	8.61
1977.....	617	1,101	4,051	5.0	82	33	107	.70	1,296	8.49
1978.....	616	1,086	3,967	4.7	78	30	107	.69	1,258	8.10
1979.....	622	1,145	3,861	4.3	71	27	109	.68	1,330	8.26
1980.....	632	1,113	3,849	4.0	66	24	111	.68	1,295	7.90
1981.....	640	1,089	3,836	3.9	64	23	112	.67	1,266	7.59
1982.....	634	1,094	3,739	3.7	60	22	110	.65	1,265	7.46
1983.....	600	1,065	3,488	3.6	59	21	110	.64	1,237	7.19
1984.....	600	1,025	3,446	3.5	57	20	106	.63	1,193	6.85
1985.....	594	1,042	3,370	3.2	53	18	106	.61	1,204	6.83
1986 ⁵	584	1,022	3,274	3.1	50	17	98	.56	1,173	6.58

¹ Includes consumption by overseas forces.² Weighing over 3 pounds per 1,000.³ Unstamped processing weight equivalent.⁴ Includes weight of small cigars.⁵ Preliminary.

Economic Research Service. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

Table 134.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1972-86

Year	Cigarettes				Cigars ²			
	Total output	Domestic consumption ¹	Tax-exempt removals ²		Total output ⁴	Domestic consumption ¹	Tax-exempt removals ²	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1972.....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973.....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974.....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975.....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976.....	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977.....	665.9	606.8	78.1	66.8	5,031	4,968	134	117
1978.....	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979.....	704.4	607.8	93.2	79.7	4,443	4,304	179	177
1980.....	714.1	631.5	94.2	82.0	4,044	4,001	201	200
1981.....	736.5	640.0	92.0	82.6	3,962	3,893	160	181
1982.....	694.2	634.0	82.1	73.6	3,669	3,667	158	181
1983.....	667.0	600.0	69.7	60.7	3,564	3,605	140	130
1984.....	668.8	600.4	67.1	56.5	3,501	3,493	121	104
1985.....	665.3	594.0	66.5	58.9	3,127	3,226	95	101
1986 ⁵	643.0	583.8	74.3	63.9	2,950	3,073	96	80

¹ As indicated by taxable removals and imports, and estimated inventory changes.² In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.³ Includes cigarillos but excludes small (approximately cigarette-size) cigars.⁴ Includes cigars shipped to mainland United States from Puerto Rico.⁵ Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 135.—Tobacco: Price-support loan operations, United States, 1972-86 ¹

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Placed under loan		Support price per pound	Placed under loan	
		Quantity	Percentage of production		Quantity	Percentage of production
	Cents	Million pounds	Percent	Cents	Million pounds	Percent
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	1
1974.....	83.3	25	2.9	85.5	8	5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	67	10.9
1979.....	129.3	72	7.4	133.3	7	1.4
1980.....	141.5	137	12.6	145.9	(²)	.....
1981.....	158.7	106	9.3	163.6	1	1
1982.....	169.9	259	23.0	175.1	260	34.8
1983.....	169.9	195	22.8	175.1	256	³ 48.7
1984.....	169.9	159	18.4	175.1	201	27.5
1985.....	169.9	132.2	16.7	148.8	82.7	14.8
1986.....	143.8	55.5	8.4	148.8	38.8	9.2

¹ Support operations for minor kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements.

² Less than 500,000 pounds.

³ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 136.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1984-86

Classification and country of origin	1984	1985	1986 ¹	Classification and country of origin	1984	1985	1986 ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Cigarette leaf:				Scrap:			
Brazil.....	21,715	38,648	33,409	Dominican Republic.....	2,853	1,508	1,387
Greece.....	13,974	14,583	15,598	Brazil.....	1,987	1,877	1,479
Yugoslavia.....	6,166	6,666	6,587	Italy.....	3,752	3,105	2,648
Canada.....	6,032	5,678	12,804	Turkey.....	2,479	2,736	4,603
Italy.....	2,600	1,714	3,028	Philippines.....	2,460	2,589	1,559
Turkey.....	48,375	49,072	51,217	Indonesia.....	3,757	3,245	2,688
Korea, Rep. of.....	4,860	5,126	5,707	Other countries.....	6,706	4,834	4,961
Bulgaria.....	5,301	4,617	4,989	Total.....	23,998	19,764	19,325
Thailand.....	4,555	4,799	6,303				
Other countries.....	125,269	23,717	25,906	Stems:			
Total.....	138,847	154,619	165,500	Canada.....	1,083	1,948	1,374
				Dominican Republic.....	266	114	71
Cigar filler:				Brazil.....	4,391	8,156	8,497
Unstemmed:				Argentina.....	1,696	857	2,250
Dominican Republic.....	2,278	1,060	1,584	Philippines.....	2,599	1,426	1,444
Nicaragua.....	50	19	9	Other countries.....	5,101	3,593	4,943
Philippines.....	47	0	22	Total.....	15,738	16,094	18,579
Mexico.....	423	93	34				
Other countries.....	583	957	819	N.S.P.F.:			
Stemmed:				Brazil.....	444	18	0
Honduras.....	109	43	45	Korea, Rep. of.....	0	0	0
Mexico.....	150	100	85	Mexico.....	875	78	0
Dominican Republic.....	1,029	706	505	Italy.....	0	0	0
Other countries.....	1,022	591	232	Argentina.....	0	55	0
Total.....	5,941	3,569	3,325	Malawi.....	77	0	0
				Other countries.....	2,061	1,110	0
Cigar wrapper:				Total.....	3,177	1,279	0
Honduras.....	305	390	226				
Nicaragua.....	286	170	5	Grand total ².....	188,757	196,452	208,614
Cameroon.....	133	94	120				
Other countries.....	265	347	514				
Total.....	989	1,001	865				

¹ Preliminary.

² Total includes mixed filler and wrapper which is not shown separately.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 137.—Tobacco, unmanufactured: International trade, 1983-85

Continent and country	1983		1984 ¹		1985 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America (incl. Caribbean)						
Canada.....	23,962	3,583	26,091	2,185	23,463	1,311
Costa Rica.....	0	35	0	0	0	0
Cuba.....	10,000	0	12,000	0	15,000	0
Dominican Republic.....	15,460	1,125	13,500	1,100	15,174	1,875
El Salvador.....	177	657	150	637	130	600
Guatemala.....	8,438	38	5,500	50	6,070	11
Haiti.....	0	500	90	0	90	500
Honduras.....	1,600	200	1,600	500	1,230	500
Jamaica.....	340	410	400	385	410	370
Mexico.....	11,150	0	13,000	0	9,260	1,300
Nicaragua.....	1,000	0	1,300	0	1,300	0
Panama.....	533	228	475	265	470	268
Trinidad-Tobago.....	0	1,000	0	1,000	0	1,000
United States (incl. Puerto Rico) ²	229,390	208,596	246,156	212,904	249,015	202,132
Total.....	312,050	216,392	320,262	219,078	322,182	209,867
South America:						
Argentina.....	29,156	515	24,963	487	26,531	315
Brazil.....	176,828	0	187,438	0	200,000	0
Bolivia.....	0	1,500	0	1,500	0	1,500
Chile.....	980	1,010	1,240	340	2,760	310
Colombia.....	9,252	3,693	9,545	4,095	11,188	4,200
Ecuador.....	170	766	200	1,000	200	1,000
Guyana.....	0	310	0	310	0	310
Paraguay.....	12,623	1,302	14,000	650	5,393	1,580
Peru.....	100	1,500	100	1,500	100	1,471
Surinam.....	0	200	0	200	0	75
Uruguay.....	0	3,500	0	3,500	0	3,481
Venezuela.....	0	0	0	0	0	0
Total.....	229,109	14,296	237,486	13,582	248,172	14,242
Europe:						
Belgium-Luxembourg.....	5,257	38,972	6,495	35,887	3,000	36,500
Denmark ³	1,300	15,841	1,394	15,558	1,499	16,716
France ⁴	9,570	38,254	9,964	37,078	8,192	46,065
Germany, Fed. Rep. of ⁵	35,066	146,866	30,459	150,306	28,940	187,252
Greece.....	81,852	3,392	98,325	3,150	84,585	5,520
Ireland ⁶	315	5,421	208	4,957	130	6,871
Italy.....	90,078	34,522	96,796	24,448	85,013	40,198
Netherlands.....	15,714	84,926	11,914	75,141	9,680	82,051
United Kingdom.....	3,967	130,172	5,853	130,894	6,315	120,235
Total EC.....	233,119	498,966	261,408	477,421	227,654	541,428
Austria.....	200	11,411	203	10,844	190	11,807
Finland.....	0	6,480	0	8,138	0	6,934
Malta-Gozo.....	30	400	30	400	50	2,031
Norway.....	0	4,770	0	5,531	0	5,485
Portugal (incl. Azores).....	0	8,700	18	10,073	195	6,742
Spain.....	3,075	70,855	1,668	71,339	1,134	66,576
Sweden.....	0	10,888	0	11,940	0	13,438
Switzerland.....	4,968	21,474	5,664	19,897	4,934	20,366
Total Western Europe.....	241,392	633,944	268,991	615,583	234,157	674,897
Albania.....	4,000	0	4,000	0	4,000	0
Bulgaria.....	60,800	37,900	62,000	37,000	62,000	35,500
Czechoslovakia.....	0	18,000	0	17,000	0	19,000
Germany, Dem. Rep. of.....	357	20,500	394	20,500	0	20,500
Hungary.....	900	4,700	1,300	5,248	900	5,217
Poland.....	5,497	14,265	6,069	14,523	6,097	8,990
Romania.....	1,000	8,000	1,000	9,000	2,000	2,000
Yugoslavia.....	28,147	6,138	18,221	7,413	15,526	14,116
Total Eastern Europe.....	100,701	111,503	92,984	110,684	90,523	105,323
Total Europe.....	342,092	745,447	361,975	726,267	324,680	780,130
Soviet Union.....	844	101,400	2,000	85,000	3,000	100,000
Africa:						
Algeria.....	60	17,391	0	10,000	0	9,345
Angola.....	0	150	0	150	0	150
Benin (Dahomey).....	0	1,412	0	1,412	0	1,412

See footnotes at end of table.

Table 137.—Tobacco, unmanufactured: International trade, 1983-85—Continued

Continent and country	1983 ¹		1984 ²		1985 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Africa—Continued						
Cameroon.....	1,760	2,000	1,760	2,000	1,550	2,207
Congo, Republic of.....	0	1,000	0	1,000	0	1,000
Egypt.....	0	49,000	0	45,000	0	33,324
Ghana.....	0	800	0	700	0	500
Ivory Coast.....	0	3,400	0	3,500	0	3,650
Kenya.....	470	130	635	110	750	100
Liberia.....	0	300	0	300	0	300
Libya.....	0	2,576	0	2,500	0	2,500
Madagascar.....	500	250	500	250	500	250
Malawi.....	42,745	0	64,000	0	65,000	0
Morocco.....	0	6,583	0	7,163	50	9,924
Mozambique.....	100	700	0	1,000	0	1,000
Nigeria.....	0	277	0	200	200	294
Senegal.....	0	1,600	0	1,600	0	3,500
Sierra Leone.....	0	600	0	700	0	600
South Africa.....	3,462	14,267	6,155	8,925	7,114	7,876
Tanzania.....	9,466	0	7,018	0	5,600	0
Tunisia.....	256	6,983	984	3,913	518	5,549
Uganda.....	0	50	0	500	0	500
Zaire.....	0	600	0	800	0	500
Zambia.....	2,100	0	2,300	0	2,300	0
Zimbabwe.....	93,178	350	85,367	0	96,625	200
Total.....	154,097	110,429	168,719	91,524	182,207	73,874
Asia:						
Bangladesh.....	1,179	111	1,209	140	1,524	125
Burma.....	2,000	0	4,000	0	6,000	0
China.....	27,400	10,510	26,756	10,510	19,200	10,510
Taiwan.....	3,623	10,099	1,629	11,519	5,678	15,730
Cyprus.....	225	4,560	225	4,500	225	4,700
Hong Kong.....	6,921	12,963	6,531	16,849	4,295	18,679
India.....	83,488	100	80,687	50	64,440	1
Indonesia.....	22,651	13,525	19,317	13,475	19,792	10,200
Iran ⁴	0	1,000	0	1,000	0	1,000
Iraq.....	0	7,000	0	7,000	0	7,000
Israel.....	0	4,366	0	5,750	0	5,774
Japan ⁵	2,686	79,700	3,215	69,700	3,300	71,200
Jordan.....	0	1,845	0	500	0	2,250
Kampuchea.....	0	2,200	0	2,200	0	2,200
Korea, Dem. Peo. Rep. of.....	14,000	0	14,000	0	20,000	20,000
Korea, Rep. of.....	32,846	2,120	30,009	2,800	28,954	840
Kuwait.....	70	470	70	470	70	470
Laos.....	0	1,500	0	1,500	0	1,500
Lebanon.....	4,000	400	3,500	400	3,000	400
Malaysia.....	1	8,410	1	4,212	1	5,412
Pakistan.....	907	256	1,300	144	583	149
Philippines.....	20,591	12,487	21,270	7,911	18,021	8,768
Singapore.....	100	10,819	9,810	11,496	2,467	4,467
Sri Lanka.....	600	0	600	0	400	0
Syria.....	1,170	2,600	235	559	138	0
Thailand.....	25,545	4,635	35,500	6,947	31,615	8,736
Turkey.....	69,528	0	69,720	0	102,726	0
Yemen (South).....	500	3,500	500	3,500	500	3,500
Yemen (Aden).....	500	3,500	500	3,500	500	3,500
Total.....	330,431	199,716	330,584	186,632	333,329	207,111
Oceania:						
Australia ⁶	536	9,431	29	11,800	10	9,559
New Zealand ⁶	201	3,257	197	3,524	200	4,500
Total.....	737	12,688	226	15,324	210	14,059
World total.....	1,269,461	1,394,368	1,421,252	1,337,467	1,413,780	1,299,283

¹ Preliminary. ² Exports include re-exports of Foreign grown tobacco. General imports, including the category "Tobacco Manufactured or Not Manufactured, Not Specifically Provided For". ³ Imports are actual arrivals. ⁴ Actual arrivals. ⁵ Exports are actual shipments. ⁶ Purchases by manufacturers. ⁷ Fiscal Year (April-March). ⁸ Fiscal Year (July-June).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1984-86

Type and country of destination	1984	1985	1986 ¹	Type and country of destination	1984	1985	1986 ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Total unmanufactured:				Pakistan	212	270	168
Canada.....	2,384	947	584	Cuba.....	660	2,133	1,766
Panama.....	122	106	90	Singapore.....	461	214	377
Jamaica.....	161	233	125	Thailand.....	4,455	5,091	2,484
Dominican Republic.....	1,175	1,566	1,455	Australia.....	3,154	2,609	4,080
Chile.....	24	3	1	New Zealand.....	898	525	691
Ecuador.....	162	73	50	Other countries.....	8,850	7,397	6,911
Belgium and Luxembourg.....	4,232	5,199	4,578	Total	158,666	151,107	116,632
France.....	2,316	4,505	3,830	Burley:			
Germany, Fed. Rep. of.....	29,929	34,773	36,911	Chile.....	0	0	0
Italy.....	14,175	13,031	10,197	Belgium and Luxembourg.....	1,266	1,503	1,552
Netherlands.....	10,136	9,459	13,952	France.....	360	455	575
Austria.....	1,071	1,266	788	Germany, Fed. Rep. of.....	5,636	10,151	10,079
Denmark.....	8,985	7,348	6,592	Italy.....	5,337	4,641	3,852
Finland.....	2,562	2,403	1,135	Netherlands.....	574	264	4,120
Ireland.....	3,599	3,313	1,534	Austria.....	66	49	35
Norway.....	2,152	1,510	1,960	Denmark.....	1,094	1,446	1,091
Portugal.....	92	61	163	Finland.....	297	253	161
Spain.....	23,814	18,995	6,220	Norway.....	153	58	100
Sweden.....	5,222	7,154	4,572	Sweden.....	916	1,276	927
Switzerland.....	11,447	10,853	5,213	Switzerland.....	1,529	4,760	1,999
United Kingdom.....	14,429	8,339	9,894	Syria.....	0	0	0
Libya.....	0	0	0	Hong Kong.....	963	1,300	1,124
Egypt.....	16,921	18,700	21,082	Japan.....	4,953	10,220	11,504
Canary Islands.....	0	0	0	Philippines.....	1,627	3,220	2,463
Cameroon.....	618	967	356	Thailand.....	2,147	2,985	3,415
Ghana.....	205	195	56	Other countries.....	6,402	3,824	4,223
Nigeria.....	555	194	383	Total	33,280	46,405	47,220
Zaire.....	0	0	27	Dark-fired Kentucky-Tennessee:			
Israel.....	891	911	756	Belgium and Luxembourg.....	126	62	54
Taiwan.....	11,395	10,849	6,659	France.....	456	875	936
Hong Kong.....	3,915	5,196	5,617	Germany, Fed. Rep. of.....	0	0	21
Korea, Rep. of.....	529	1,122	1,122	Italy.....	164	401	36
Japan.....	41,784	46,269	36,957	Netherlands.....	4,481	3,396	4,585
Malaysia.....	4,180	4,104	3,612	Denmark.....	87	45	49
Philippines.....	2,579	5,501	4,230	Ireland.....	10	18	0
Singapore.....	608	482	582	Norway.....	23	8	0
Thailand.....	6,603	8,079	5,899	Canary Islands.....	0	0	0
Syria.....	0	0	0	Sweden.....	278	988	413
Australia.....	3,722	3,317	5,323	Switzerland.....	60	125	35
New Zealand.....	1,307	731	889	United Kingdom.....	25	6	52
Other countries.....	12,683	11,864	10,628	Egypt.....	109	76	0
Total	246,156	249,015	214,013	Tunisia.....	0	41	0
Flue-cured:				Cameroon.....	0	20	104
Panama.....	84	89	71	Indonesia.....	156	265	76
Jamaica.....	67	79	0	Other countries.....	458	160	70
Chile.....	0	0	0	Total	6,433	6,478	6,433
Ecuador.....	53	0	0	Black Fat:			
Belgium and Luxembourg.....	2,179	2,574	2,528	Niger.....	0	249	148
France.....	868	831	905	Cameroon.....	0	396	195
Germany, Fed. Rep. of.....	18,774	19,528	21,487	Benin.....	389	381	471
Italy.....	7,919	6,708	5,043	Nigeria.....	351	0	161
Netherlands.....	4,292	5,125	4,420	Togo.....	92	96	56
Austria.....	909	1,078	718	Other countries.....	290	214	142
Denmark.....	3,770	4,273	3,969	Total	1,122	1,335	1,173
Finland.....	1,538	1,818	475	Dark-fired Virginia and sun-cured:			
Ireland.....	3,036	2,925	938	Germany, Fed. Rep. of.....	112	48	2
Norway.....	1,103	844	1,082	Italy.....	331	560	916
Portugal.....	50	38	15	Austria.....	3	24	8
Spain.....	18,634	14,607	760	Denmark.....	44	36	13
Sweden.....	2,623	3,203	1,575	Norway.....	633	535	718
Switzerland.....	6,001	3,358	1,366	Sweden.....	135	221	228
United Kingdom.....	11,383	6,502	7,380	Switzerland.....	0	24	47
Libya.....	0	0	0	United Kingdom.....	78	19	299
Egypt.....	9,476	12,146	14,003	Netherlands.....	1	36	0
Syria.....	0	0	0	Other countries.....	53	33	74
Taiwan.....	10,399	10,780	6,659	Total	1,092	1,536	2,305
Hong Kong.....	2,176	3,062	3,650				
Indonesia.....	359	517	268				
Japan.....	30,877	29,306	20,431				
Malaysia.....	2,995	2,874	2,532				

See footnotes at end of table.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1984-86—Continued

Type and country of destination	1984	1985	1986 ¹	Type and country of destination	1984	1985	1986 ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Maryland:				Cigar filler:			
Belgium and Luxembourg	83	84	115	Dominican Republic	77	45	47
Germany, Fed. Rep. of	480	1,234	467	Jamaica	19	21	0
Netherlands	12	12	157	Other countries	23	24	44
Norway	11	12	11	Total	119	90	91
Egypt	78	0	129				
Israel	397	215	200	Perique:			
Switzerland	579	916	1,007	Benin (Dahomey)	23	12	66
Other countries	23	566	272	Germany, Fed. Rep. of	2	5	0
Total	1,663	3,042	2,458	France	12	23	0
				United Kingdom	4	0	1
One sucker:				Australia	7	7	7
Germany, Fed. Rep. of	0	0	0	Other countries	2	12	6
Bahamas	6	10	3	Total	50	50	80
Nepal	0	0	0				
Other countries	7	0	37	Trimmings, stems, and scrap:			
Total	13	10	40	Canada	1,551	429	238
				Italy	533	0	0
Green River:				Jamaica	16	8	44
Netherlands	1	0	0	Dominican Republic	158	393	96
United Kingdom	3	2	0	Surinam	38	6	12
Italy	189	221	0	Belgium and Luxembourg	333	778	283
Other countries	0	1	2	France	429	1,887	1,496
Total	193	224	2	Germany, Fed. Rep. of	4,416	3,343	4,566
				Netherlands	525	488	611
Cigar wrapper:				Austria	93	108	6
Canada	1	3	8	Denmark	3,988	1,548	1,465
Jamaica	13	11	15	Finland	311	327	351
Dominican Republic	610	758	914	Ireland	511	384	595
Belgium and Luxembourg	0	0	0	Norway	225	30	49
Germany, Fed. Rep. of	40	48	5	Sweden	1,270	1,466	1,430
Netherlands	175	76	19	Switzerland	2,630	1,586	747
Canary Islands	0	0	0	United Kingdom	2,788	1,440	2,083
Nigeria	26	0	0	Ghana	0	25	8
Other countries	15	35	43	Spain	1,951	75	4,836
Total	880	931	1,004	Hong Kong	709	675	772
				Japan	5,953	6,143	5,021
Cigar binder:				Malaysia	499	915	722
Canada	67	6	27	Egypt	3,836	4,175	5,032
Honduras	7	146	15	Singapore	148	269	107
Dominican Republic	1	0	9	Australia	393	496	1,044
Benin (Dahomey)	0	0	0	New Zealand	360	195	179
Other countries	16	0	3	Other countries	3,433	5,773	2,342
Total	91	152	54	Total	37,100	32,961	34,135

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

Table 139.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1972-86

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other ¹	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1972	12,983.3	5,393	5,153	240	49.50	267,136
1973	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976	10,913.5	4,122.0	3,766.1	355.9	103.00	425,411
1977	13,275.3	5,521.4	4,832.1	689.3	70.30	338,085
1978	12,400.0	4,269.2	3,878.0	391.2	114.00	485,609
1979	12,830.9	5,778.3	4,779.2	999.1	121.00	697,517
1980	13,214.8	4,470.5	3,957.2	513.3	129.00	574,511
1981	13,841.2	6,396.9	5,101.5	1,295.4	86.00	549,041
1982	9,738.9	4,743.9	3,581.1	1,162.8	77.00	366,240
1983	7,347.5	3,075.7	2,460.5	615.2	166.00	511,450
1984	10,879.1	5,148.9	4,291.4	857.5	99.50	511,958
1985	10,229.0	5,279.2	3,755.7	1,523.5	66.00	346,342
1986 ²	8,492.0	3,900.9	2,991.5	809.4	78.50	296,586

¹ Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. ² Preliminary.
National Agricultural Statistics Service.

Table 140.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1984-86

State	Production			Total sales to oil mills			Other ²			Price for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
AL	158	189	122	124	125	78	34	64	44	94.50	56.00	62.00
AZ	464.5	389	309	311.1	288	253	153.4	121	56	101.00	79.00	77.50
AR	217	284	223	210	216	221	7	45	7	81.50	56.00	58.50
CA	1,211	1,300	875	854	847	522	357	453	353	119.00	96.00	102.00
FL	10.7	11.7	9.8	10.1	9.3	9.5	3.6	2.4	.3	75.00	35.00	67.00
GA	101	128	64	93	30	30	8	48	34	93.50	57.00	90.00
KS	.1	.2	.3	.1	.1	.2	(*)	.1	.1	103.00	59.50	93.50
LA	382	264	257	344	188	215	38	76	42	79.00	49.00	64.00
MS	620	616	458	587	481	425	33	135	32	81.00	51.50	58.50
MO	72	30	81	67	63	76	5	17	5	86.50	52.00	63.00
NM	40	31.3	30.5	32	20	21.7	8	11.3	8.8	102.00	61.00	95.00
NC	40	44	40	39	17	18	1	27	22	93.00	45.00	81.00
OK	75	106	85	69	81	79	6	25	6	103.00	59.50	93.50
SC	61	61	31	43	34	28	18	27	3	97.50	50.00	90.00
TN	133	160	157	134	130	153	9	30	4	90.50	53.00	66.50
TX	1,563	1,634.5	1,052.8	1,383.5	1,196	860.7	179.5	438.5	192.1	101.00	62.50	78.00
VA	.6	.5	.5	.6	.3	.4	(*)	.2	.1	93.00	45.00	81.00
US	5,148.9	5,279.2	3,800.9	4,291.4	3,755.7	2,991.5	857.5	1,523.5	809.4	99.50	66.00	78.50

¹ Preliminary. ² Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. ³ Kansas, Florida, and Virginia combined.
National Agricultural Statistics Service.

Table 141.—Cottonseed: Crushings, output of products and product prices, United States, 1972-85

Year beginning August	Quantity crushed	Cottonseed products and prices				Year beginning August	Quantity crushed	Cottonseed products and prices			
		Crude oil		Cake and meal				Crude oil		Cake and meal	
		Quantity	Price ¹	Quantity	Price ²			Quantity	Price ¹	Quantity	Price ²
	1,000 tons	Million pounds	Cents per pound	1,000 tons	Dollars per ton		1,000 tons	Million pounds	Cents per pound	1,000 tons	Dollars per ton
1972.....	4,880	1,535	13.72	2,224	144.76	1980.....	4,076	1,191	25.9	1,790	197.06
1973.....	4,792	1,551	30.71	2,176	137.97	1981.....	4,575	1,551	20.1	2,190	156.15
1974.....	4,226	1,247	33.87	1,885	120.58	1982.....	3,900	1,134	21.8	1,588	176.65
1975.....	2,952	918	23.5	1,238	145.00	1983.....	2,583	777	32.8	1,134	190.22
1976.....	3,499	1,196	24.8	1,643	173.65	1984.....	3,514	1,174	29.2	1,732	99.35
1977.....	4,313	1,453	25.4	2,063	139.70	1985.....	2,417	1,093	17.6	1,587	133.27
1978.....	4,127	1,282	31.6	1,885	164.80						
1979.....	4,230	1,423	25.3	2,049	164.13						

¹ Tanks, f.o.b. Valley Points.² 41 percent protein, solvent, Memphis.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

Table 142.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1972-85 ¹

Year beginning August	Cottonseed quality analysis ²					Quantity ³	Quality ⁴	Average grade ⁵	Samples graded ⁶
	Oil	Ammonia	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1972.....	17.3	3.92	11.9	1.6	1.6	97.87	95.7	94.0	71,210
1973.....	18.0	3.94	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974.....	17.7	3.82	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975.....	18.0	3.75	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976.....	17.7	3.88	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977.....	17.5	3.99	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978.....	17.4	4.08	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979.....	17.6	3.92	10.3	1.0	1.7	98.92	97.7	97.0	56,792
1980.....	16.9	4.08	10.4	.9	1.7	97.17	98.0	95.5	38,224
1981.....	17.2	3.97	10.1	.8	2.0	97.69	98.1	96.0	50,636
1982.....	17.5	3.89	10.9	1.1	1.4	98.22	98.0	96.5	33,612
1983.....	17.0	4.02	11.0	.7	1.6	97.12	98.4	96.0	24,549
1984.....	17.0	3.94	11.4	2.1	1.7	96.63	93.8	90.5	39,970
1985.....	17.3	3.94	10.8	1.4	1.4	97.72	96.4	94.6	35,586

¹ U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. ² These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.³ The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, and ammonia. ⁴ The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter and free fatty acids. ⁵ The average grade is the product of the quantity index times the quality index. The base grade is 100.0. ⁶ Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.

Agricultural Marketing Service.

Table 143.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1983/84–1985/86 (Marketing year October–September)

Continent and country of destination	Cottonseed oil ¹			Cottonseed cake and meal		
	1983/84	1984/85	1985/86 ²	1983/84	1984/85 ²	1985/86 ²
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North and Central America; incl. Caribbean:						
Canada.....	3,485	3,334	2,679	903	1,765	2,257
Costa Rica.....	0	999	1,000	0	0	0
Dominican Republic.....	4,500	3,912	5,898	0	32	42
El Salvador.....	5,335	15,613	29,713	0	0	0
Guatemala.....	1,064	9,832	11,063	0	0	0
Mexico.....	223	73	9,533	61	3,172	1,856
Netherlands Antilles.....	0	1	0	0	0	0
Panama.....	0	0	0	0	0	0
Other countries.....	1,882	1,849	3,950	0	0	0
Total ³	15,989	35,613	64,376	964	4,969	4,157
South America:						
Colombia.....	2	3	0	25	0	0
Ecuador.....	9	0	0	0	0	0
Peru.....	1	23	65	0	0	0
Venezuela.....	55,360	70,007	48,619	0	0	0
Other countries.....	0	2	0	0	0	0
Total ³	55,372	70,035	48,684	25	0	0
Europe:						
Austria.....	1	0	0	0	0	0
Belgium and Luxembourg.....	1	51	2	0	0	0
Denmark.....	33	9	31	0	0	0
France.....	3	1	38	0	0	0
Germany, Fed. Rep. of.....	7,934	18	4,902	0	0	0
Ireland.....	3	1	17	0	0	0
Netherlands.....	2,115	5,805	3,036	0	102	0
Switzerland.....	1	3	0	0	0	0
United Kingdom.....	3,006	1,499	506	0	0	0
Other countries.....	0	538	3,616	0	0	0
Total ³	13,097	7,925	17,157	0	102	0
Africa:						
Egypt.....	31,205	55,892	37,786	0	0	0
Other countries.....	1,756	2,007	1,599	0	0	0
Total ³	32,961	57,899	39,385	0	0	0
Asia:						
Hong Kong.....	33	82	210	0	0	0
Israel.....	0	0	0	0	0	0
Japan.....	16,718	22,820	26,306	0	0	0
Korea, Rep. of.....	2,865	1,817	4,417	0	0	0
Pakistan.....	0	0	0	0	0	0
Philippines.....	0	0	0	34	0	0
Saudi Arabia.....	0	8	0	0	0	591
Other countries.....	4	8	105	0	0	0
Total ³	19,622	24,735	31,038	34	0	591
Oceania.....	317	12	18	0	0	0
Grand total ³	137,337	196,220	200,658	924	5,070	4,747

¹ Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. ² Preliminary. ³ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 144.—Cottonseed: Area, yield, and production in specified countries, 1984/85–1986/87 ¹

Continent and country	Area ^a			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Mexico.....	320	213	150	1,434	1,667	1,800	459	355	240
United States.....	4,200	4,140	3,427	1,112	1,157	1,006	4,671	4,789	3,448
Total.....	4,520	4,353	3,577				5,130	5,134	3,448
South America:									
Argentina.....	447	339	330	.655	.625	.615	293	200	203
Bolivia.....	10	10	7	.900	.800	.857	9	8	6
Brazil.....	2,420	2,175	2,100	.726	.653	.545	1,758	1,420	1,145
Colombia.....	197	189	164	.949	1,159	.994	187	219	163
Ecuador.....	8	14	20	1,250	.786	1,200	10	11	24
Paraguay.....	400	320	275	.675	.547	.709	270	175	195
Peru.....	140	150	130	1,036	1,113	1,092	145	167	142
Venezuela.....	46	60	45	.957	.950	.822	44	57	37
Total.....	3,668	3,238	3,071				2,716	2,257	1,915
Central America:									
Guatemala.....	64	67	21	1,422	1,104	1,667	91	74	35
Total ^a	220	202	140				280	230	152
Caribbean:									
Cuba.....	4	4	4	.500	.500	.500	2	2	2
Dominican Rep.....	5	5	5	1,000	1,000	1,000	5	5	5
Haiti.....	13	13	13	.308	.308	.308	4	4	4
Total.....	22	22	22				11	11	11
European Community:									
Greece.....	192	203	210	1,266	1,369	1,452	243	278	305
Italy.....	3	3	3	.333	.333	.333	1	1	1
Spain.....	60	64	77	1,817	2,094	2,078	109	134	160
Total.....	255	270	290				353	413	466
East Europe:									
Albania.....	28	28	28	.536	.536	.536	15	15	15
Bulgaria.....	12	14	14	.750	.643	.643	9	9	9
Yugoslavia.....	1	1	2	1,000	1,000	.500	1	1	1
Total.....	41	43	44				25	25	25
North Africa:									
Egypt.....	415	454	434	1,600	1,502	1,486	664	682	645
Morocco.....	9	12	16	1,000	1,250	1,063	9	15	17
Total.....	424	466	450				673	697	662
Other Africa:									
Nigeria.....	220	220	240	.145	.164	.192	32	36	46
Zimbabwe.....	220	186	205	.809	.806	.873	186	150	180
South Africa.....	108	126	187	.824	.746	.722	89	94	135
Somalia.....	12	12	12	.250	.250	.250	3	3	3
Zambia.....	46	40	42	.652	.625	.619	30	25	26
Total ^a	2,891	2,855	2,978				1,637	1,529	1,685
Middle East:									
Iran.....	212	187	190	.665	.711	.695	141	133	132
Israel.....	63	65	45	2,987	2,462	2,667	185	160	120
Iraq.....	65	65	65	.446	.446	.446	29	29	29
Turkey.....	743	660	575	1,249	1,227	1,239	928	810	747
Total ^a	1,303	1,188	1,060				1,592	1,468	1,290

See footnotes at end of table.

Table 144.—Cottonseed: Area, yield, and production in specified countries, 1984/85-1986/87¹—Continued

Continent and country	Area ^a			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a	1984/85	1985/86	1986/87 ^a
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia:									
Bangladesh.....	13	13	12	0.231	0.385	0.333	3	5	4
Burma.....	250	250	250	.352	.352	.352	86	88	88
China.....	6,923	5,140	4,399	1.537	1.372	1.368	10,639	7,050	6,020
Indonesia.....	42	42	45	.387	.387	.311	15	15	14
India.....	7,437	7,581	7,400	.463	.452	.435	3,447	3,652	3,218
Korea, Peoples Dem. Rep.....	7	7	7	.286	.286	.286	2	2	2
Korea, Rep. of.....	3	2	1	1.000	1.000	1.000	3	2	1
Pakistan.....	2,236	2,366	2,375	.901	1.043	1.124	2,014	2,468	2,670
Philippines.....	11	13	13	.636	.615	.615	7	8	8
Thailand.....	70	81	38	.748	.852	.684	52	69	26
Total ^a	17,056	15,550	14,605				16,317	13,406	12,099
Soviet Union.....	3,347	3,316	3,475	1.416	1.452	1.288	4,740	4,815	4,475
Oceania: Australia.....	183	173	145	2.240	2.208	2.144	410	382	313
World total ^a	33,930	31,685	29,858				33,884	30,377	26,781

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

^a Harvested area as far as possible.

^b Preliminary.

^c Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 145.—Flaxseed: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ¹	Value of production ¹
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1972.....	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973.....	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974.....	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975.....	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976.....	1,045	955	7.9	7,580	633	6,947	7.08	53,754
1977.....	1,330	1,239	11.5	14,280	639	13,641	4.54	64,865
1978.....	719	687	12.5	8,614	476	8,138	5.74	49,435
1979.....	922	878	13.7	12,014	551	11,463	5.97	71,627
1980.....	759	663	11.7	7,728	(²)	(²)	7.20	55,615
1981.....	605	577	12.6	7,289	(²)	(²)	6.72	49,008
1982.....	780	735	14.0	10,278	(²)	(²)	5.19	53,341
1983.....	605	580	11.9	6,903	(²)	(²)	6.80	46,925
1984.....	555	538	13.1	7,022	(²)	(²)	6.09	42,739
1985.....	820	584	14.2	8,293	(²)	(²)	5.05	41,912
1986 ³	720	688	16.9	11,538	(²)	(²)	3.55	41,033

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

² Series discontinued.

³ Preliminary.

National Agricultural Statistics Service.

Table 146.—Flaxseed: Supply and disappearance, United States, 1972-85

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings ¹	Total domestic disappearance ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973.....	5,485	16,408	309	22,202	1,360	630	17,203	18,240
1974.....	4,052	14,083	130	18,265	1,231	372	13,986	15,234
1975.....	3,031	15,553	148	18,732	1,054	953	11,791	12,889
1976.....	4,890	7,580	2,168	14,638	1,043	195	10,677	11,481
1977.....	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978.....	5,315	8,614	1,557	15,486	724	91	13,609	12,811
1979.....	2,584	12,014	1,916	16,514	650	174	12,425	11,322
1980.....	5,018	7,728	2,510	15,256	547	76	11,927	12,447
1981.....	2,733	7,789	3,502	13,524	691	11	11,231	11,563
1982.....	1,950	10,278	1,921	14,149	486	638	8,722	10,299
1983.....	3,212	6,903	4,756	14,871	438	52	12,733	13,103
1984.....	1,716	7,022	3,796	12,534	511	238	9,935	10,647
1985 ³	1,649	8,293	2,927	12,869	517	250	10,313	10,990

¹ From domestic and imported seed.² Total supply minus exports and stocks June 1 of following year.³ Preliminary.

Economic Research Service.

Table 147.—Flaxseed: Area, yield, and production, by States, 1984-86

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
MN.....	50	60	35	45	50	34	14.5	19.0	16.0	653	950	544
ND.....	400	460	575	390	445	545	12.5	13.5	17.5	4,875	6,008	9,538
SD.....	105	100	110	103	89	104	14.5	15.0	14.0	1,494	1,335	1,456
US.....	555	620	720	538	584	683	13.1	14.2	16.9	7,022	8,293	11,536

¹ Preliminary.

National Agricultural Statistics Service.

Table 148.—Flaxseed: ¹ Area, yield, and production in specified countries and the world, 1984/85-1986/87

Continent and country	Harvested area			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ²	1984/85	1985/86	1986/87 ²	1984/85	1985/86	1986/87 ²
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	720	740	885	0.964	1.219	1.325	694	902	1,067
United States.....	218	236	276	.817	.894	1.062	178	211	298
Mexico.....	3	3	3	1.000	1.000	1.000	3	3	3
Total.....	941	979	1,064				875	1,116	1,363
South America:									
Argentina.....	732	754	700	.855	.642	.821	626	484	575
Uruguay.....	18	8	8	.700	.750	.750	7	6	6
Total.....	742	762	708				633	490	581
Europe:									
Belgium-Luxembourg.....	10	11	9	.800	.727	.889	8	8	8
France ³	47	55	49	.617	.691	.633	29	38	31
Italy.....	1	1	1	1.000	1.000	1.000	1	1	1
Netherlands.....	4	4	4	1.000	1.000	1.000	4	4	4
Total Western Europe.....	62	71	63				42	51	44
Czechoslovakia.....	25	25	25	.600	.600	.600	15	15	15
Hungary.....	9	6	6	1.000	1.167	1.000	9	7	6
Poland.....	43	39	45	.419	.462	.444	18	18	20
Romania.....	50	77	57	.700	.468	.649	35	36	37
Total Eastern Europe.....	127	147	133				77	76	78
Total Europe.....	189	218	196				119	127	122
Soviet Union⁴.....	1,159	1,100	1,053	.214	.183	.221	248	201	233
Africa:									
Egypt.....	12	18	19	1.667	1.222	1.211	20	22	23
Total.....	12	18	19				20	22	23
Asia and mid-East:									
Iran.....	3	3	3	1.000	1.000	1.000	3	3	3
Turkey (Europe and Asia).....	5	5	5	.400	.400	.400	2	2	2
India.....	1,395	1,397	1,400	.279	.267	.286	389	373	400
Pakistan ⁵	9	10	10	.556	.600	.600	5	6	6
Bangladesh.....	15	15	15	.533	.533	.533	8	8	8
Total.....	1,427	1,430	1,433				407	392	419
Oceania:									
Australia ⁶	6	9	8	1.000	1.111	1.000	6	10	8
Total.....	6	9	8				6	10	8
World total.....	4,476	4,516	4,501				2,308	2,358	2,740

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1982 was combined with the Southern Hemisphere harvest which began late in 1982 and ended early in 1983. Estimates do not include China where annual production is probably about 100,000 tons. ² Preliminary. ³ Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax.

⁴ Includes fiber flax area and seed production. ⁵ Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 149.—Flaxseed: Season average price and value of production, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
MN.....	6.96	4.96	3.55	1,885	4,708	1,931
ND.....	6.07	5.00	3.55	29,591	30,040	33,660
SD.....	6.20	5.37	3.60	9,263	7,169	5,242
US.....	6.09	5.95	3.55	42,739	41,912	46,833

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. ² Preliminary.

National Agricultural Statistics Service.

Table 150.—Flaxseed: Price-support operations, United States, 1972-86

Year beginning July	Support price		Put under support ^a		Acquired by OCC under support program ^a	Owned by OCC June 30
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1972.....	2.50	56	673	4.8	157	140
1973.....	2.50	51	137	.9		
1974.....	2.50	41	63	.5		
1975.....	(⁴)					
1976.....	(⁴)					
1977.....	(⁴)					
1978.....	4.50	48				
1979.....	4.50	43				
1980.....	4.50	39				
1981.....	(⁴)					
1982.....	(⁴)					
1983.....	(⁴)					
1984.....	(⁴)					
1985.....	(⁴)					
1986.....	(⁴)					

¹ Percentage of the parity price as of the beginning of the marketing year.

² Includes loans made, purchase agreements entered into, and direct purchases.

³ Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁴ Price support not authorized for 1975, 1976, 1977, 1981, 1982, 1983, 1984, 1985, and 1986.

Agricultural Stabilization and Conservation Service.

Table 151.—Flaxseed and linseed oil and meal: Average price Minneapolis 1972-85

Year ¹	Average price received by farmers	Minneapolis		Year ¹	Average price received by farmers	Minneapolis	
		Oil, per pound ²	Meal, per ton ³			Oil, per pound ²	Meal, per ton ³
	Dollars	Cents	Dollars		Dollars	Cents	Dollars
1972.....	2.61	9.7	120.19	1980.....	6.46	39.0	162.80
1973.....	5.88	27.7	155.73	1981.....	7.10	30.5	156.00
1974.....	9.74	45.6	122.30	1982.....	6.02	25.2	143.40
1975.....	6.81	32.3	126.25	1983.....	5.58	30.7	155.25
1976.....	6.51	28.2	162.24	1984.....	6.50	32.0	99.00
1977.....	5.78	24.6	137.91	1985.....	5.95	30.6	107.50
1978.....	4.46	24.7	143.20				
1979.....	6.34	30.1	155.80				

See footnotes on page 118.

Table 152.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1972–85

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June-Aug.	Sept.-Nov.	Dec.-Feb.	Mar.-May	Total	Stocks June 1	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1972.....	5,642	5,579	4,380	4,331	19,932	275	393	(¹)	256	370	3	175
1973.....	5,136	5,462	3,310	3,295	17,203	127	344	(¹)	142	324	3	117
1974.....	3,569	4,928	3,071	1,818	13,386	71	263	(¹)	143	254	(²)	140
1975.....	2,218	4,515	2,352	2,705	11,791	49	230	(¹)	42	229		141
1976.....	2,899	2,646	2,745	2,387	10,677	49	217	(¹)	14	202	(²)	89
1977.....	2,897	2,887	2,638	3,193	11,615	88	232	(¹)	25	218		111
1978.....	4,310	2,483	2,367	3,969	13,009	70	259	(¹)	54	244		135
1979.....	3,215	3,353	2,318	3,666	12,425	44	256	(¹)	38	233		161
1980.....	2,465	(³)	(³)	(³)	11,927	54	251	(¹)	51	225		129
1981.....	(³)	(³)	(³)	(³)	11,231	56	237	(¹)	54	220		152
1982.....	(³)	(³)	(³)	(³)	8,722	50	182	(¹)	21	170		79
1983.....	(³)	(³)	(³)	(³)	12,733	35	265	(¹)	51	249		125
1984.....	(³)	(³)	(³)	(³)	9,535	48	194	(¹)	15	179		60
1985 ⁴	(³)	(³)	(³)	(³)	10,313	33	205	(¹)	15	184		75

¹ Less than 500,000 pounds. ² Less than 500 tons. ³ Not included to avoid disclosure. ⁴ Preliminary. Economic Research Service.

Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1983–85¹

Continent and country of destination	Flaxseed			Linseed oil ²			Linseed cake and meal		
	1983	1984	1985 ³	1983	1984	1985 ³	1983	1984	1985 ³
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Canada.....	0	0	61	1,288	2,588	2,506	44	73	91
Costa Rica.....	77	28	0	1	0	2	0	0	0
Honduras.....	107	0	70	1	1	0	0	0	0
Mexico.....	0	29	5,263	46	2,012	779	0	11	0
Panama.....	6	230	26	7	3	0	0	24	0
Other countries.....	0	46	111	40	39	23	0	0	585
Total ⁴	190	333	5,531	1,385	4,643	3,312	44	106	676
South America:									
Brazil.....	0	0	0	269	0	0	0	0	0
Peru.....	0	0	0	0	0	0	0	0	0
Venezuela.....	99	0	0	98	75	83	0	0	0
Other countries.....	0	0	0	0	6	2	0	0	0
Total ⁴	99	0	0	367	81	85	0	0	0
Europe:									
Belgium and Luxembourg.....	0	0	56	0	0	0	0	0	0
Denmark.....	35	28	14	0	0	0	0	0	0
France.....	0	0	0	65	24	4	0	0	0
Germany, Fed. Rep. of.....	123	179	255	0	13	0	41,632	15,790	5,878
Italy.....	0	0	0	0	0	0	0	0	0
Netherlands.....	585	5,729	451	6,287	1,375	2,172	60,059	44,059	52,757
Spain.....	0	0	0	3	0	0	0	0	0
Sweden.....	0	0	0	15	93	0	0	0	0
Switzerland.....	67	0	1	3	0	0	0	0	0
United Kingdom.....	12	0	0	13	4	0	0	0	0
Other countries.....	7	41	0	0	0	0	0	10,082	0
Total ⁴	829	5,977	776	6,384	1,512	2,176	101,691	59,849	58,635
Soviet Union.....	0	0	0	14,999	0	0	0	0	0

See footnotes at end of table.

Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1983-85 ¹—Continued

Continent and country of destination	Flaxseed			Linseed oil ²			Linseed cake and meal		
	1983	1984	1985 ³	1983	1984	1985 ³	1983	1984	1985 ³
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Africa and Middle East	0	2	0	15,040	47	15	599	0	0
Asia:									
Japan	0	0	0	3	141	12	0	0	0
Korea, Rep. of	0	0	0	6	470	0	0	0	0
Philippines	0	0	0	1	0	0	0	0	0
Other countries	0	0	0	5	127	1,011	0	0	0
Total ⁴	0	0	0	15	788	1,023	0	0	0
Oceania:									
Australia	0	0	0	9	4	2	0	0	0
Other countries	0	0	0	143	1	2	0	0	0
Total ⁴	0	0	0	152	5	4	0	0	0
Grand total ⁴	⁵ 1,997	6,311	6,362	23,341	7,921	6,615	102,334	70,089	59,311

¹ For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. ² Preliminary.
³ Crude and refined combined as such. ⁴ Total may not add due to rounding. ⁵ Includes 880 and 55 metric tons transhipped via Canada to unidentified countries in 1983, and 1985, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 154.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1972-86

Crop of—	Area planted	Peanuts for nuts								Price	Value of production
		Area harvested	Yield per acre	Production ¹	Used on farms where produced			Sold			
					For seed ²	Fed and lost	Household use				
	1,000 acres	1,000 acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	
1972	1,532.8	1,486.4	2,203	3,274,761	17,359	³ 4,821	3,252,581	14.5	475,367		
1973	1,530.2	1,495.7	2,323	3,473,837	18,723		3,450,409	16.2	562,460		
1974	1,519.6	1,472.1	2,491	3,667,604	⁴ 24,398		3,643,206	17.9	657,987		
1975	1,531.9	1,500.0	2,564	3,846,722		25,668	3,820,054	19.6	754,491		
1976	1,544.6	1,517.5	2,464	3,739,190		25,251	3,712,939	20.0	746,675		
1977	1,540.6	1,512.4	2,456	3,715,055		25,231	3,689,824	21.0	780,869		
1978	1,540.8	1,509.1	2,619	3,952,384		26,369	3,926,015	21.1	833,885		
1979	1,545.9	1,519.7	2,611	3,968,485		26,297	3,942,188	20.6	819,276		
1980	1,521.4	1,399.8	1,645	2,302,762		(⁵)	(⁵)	25.1	578,635		
1981	1,514.0	1,488.7	2,675	3,961,850		(⁵)	(⁵)	28.9	1,069,525		
1982	1,311.4	1,277.4	2,693	3,440,255		(⁵)	(⁵)	23.1	962,686		
1983	1,411.0	1,373.5	2,399	3,295,530		(⁵)	(⁵)	24.7	814,579		
1984	1,562.6	1,531.0	2,878	4,405,745		(⁵)	(⁵)	27.9	1,230,720		
1985	1,490.4	1,467.4	2,810	4,122,787		(⁵)	(⁵)	24.3	1,003,412		
1986 ⁶	1,572.7	1,537.2	2,407	3,700,745		(⁵)	(⁵)	28.8	1,065,945		

¹ Net weight basis; estimates comprised of quota and non-quota peanuts. ² Seed used for planting of the following year. ³ Beginning 1972, not estimated separately. ⁴ Beginning 1974, not estimated separately.
⁵ Series discontinued. ⁶ Preliminary.

National Agricultural Statistics Service.

Table 155.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1972-86

Year beginning August	Stocks Aug. 1 ¹	Production harvested for nuts ¹	Total supply	Milled ^{1 2}
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1972.....	27,394	3,274,761	3,302,155	2,888,572
1973.....	56,899	3,473,837	3,530,736	3,050,986
1974.....	33,332	3,667,604	3,705,996	2,922,924
1975.....	226,991	3,846,722	4,073,713	3,461,504
1976.....	250,005	3,739,190	3,989,195	3,455,100
1977.....	54,366	3,715,055	3,769,421	3,348,732
1978.....	28,651	3,952,384	3,981,035	3,423,963
1979.....	13,513	3,968,485	3,981,998	3,502,326
1980.....	63,442	2,302,762	2,366,204	1,887,992
1981.....	26,228	3,981,850	4,010,178	3,610,896
1982.....	84,948	3,440,255	3,525,203	3,248,166
1983.....	51,440	3,295,530	3,346,970	3,149,878
1984.....	6,758	4,405,745	4,414,503	4,155,496
1985.....	171,949	4,112,787	4,284,736	3,966,300
1986.....	48,381	3,700,745	3,749,126	

¹ Net weight basis.² Includes peanuts milled for seed.

National Agricultural Statistics Service.

Table 156.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1972-86

Year beginning August	Peanuts crushed (shelled basis)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 ¹	Production of crude	Imports	Exports ²	Stocks Aug. 1 ¹	Production
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1972.....	638,755	32,110	268,960	23	104,907	2,979	359,760
1973.....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974.....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975.....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976.....	833,158	136,526	362,611	32	45,878	5,863	466,544
1977.....	366,227	221,545	150,971	25	126,547	11,719	208,144
1978.....	395,951	46,029	164,284	46	40,488	10,933	217,988
1979.....	429,116	53,189	179,695	63	15,634	1,019	236,228
1980.....	335,528	44,076	137,848	82	47,522	8,830	187,204
1981.....	431,480	37,788	175,028	203	40,865	7,335	237,290
1982.....	256,436	57,889	106,962	3,713	5,181	9,705	141,546
1983.....	291,084	(*)	119,008	646	7,097	4,008	159,340
1984.....	470,264	32,425	187,283	2,174	29,383	13,962	264,658
1985.....	610,897	17,725	256,545	529	92,799	32,758	336,252
1986.....	(*)	61,865	(*)	(*)	(*)	17,939	(*)

¹ Crude plus refined.² Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.³ Holding at producing mills only.⁴ Not available.

National Agricultural Statistics Service, Economic Research Service, and Bureau of the Census.

FOOTNOTES FOR TABLE 151

¹ Year beginning June 1.² Raw oil in tank cars.³ Bulk carlots, 34 percent protein.

Economic Research Service.

PEANUTS

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Table 157.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1972-86

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports ¹	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1972.....	20,885	113,341	1,039	135,265	4,369	113,237	0.54
1973.....	17,659	149,503	79	167,241	66,094	86,055	.41
1974.....	15,092	132,185	127	147,404	17,703	111,872	.53
1975.....	17,829	154,768	207	172,804	22,708	119,529	.56
1976.....	30,567	150,764	432	181,763	24,765	136,841	.65
1977.....	18,157	196,076	413	214,646	64,284	126,724	.56
1978.....	25,538	233,497	413	259,548	94,612	116,737	.52
1979.....	48,199	183,831	424	232,454	64,810	137,053	.61
1980.....	30,591	104,053	3,597	138,241	33,071	90,789	.40
1981.....	14,381	231,590	6	245,967	77,998	122,743	.54
1982.....	45,226	232,998	844	279,068	51,321	155,948	.67
1983.....	71,799	124,507	298	196,604	39,509	133,773	.57
1984.....	23,322	256,014	82	279,418	72,907	139,121	.59
1985.....	67,330	213,928	1,495	282,812	83,747	152,349	.63
1986.....	46,716						

¹ Prior to 1983 includes shipments to Puerto Rico.

National Agricultural Statistics Service and Economic Research Service. Foreign trade from the Bureau of the Census.

Table 158.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1972-86

Year beginning August	Supply						Exports ¹	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock ²	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1972.....	224,529	33,783	1,503,124	567,067	443	2,328,946	382,304	638,755
1973.....	240,686	25,586	1,678,534	509,306	444	2,454,556	465,290	513,552
1974.....	359,752	16,126	1,557,098	558,409	466	2,491,851	534,784	443,665
1975.....	279,401	20,734	1,590,916	914,655	290	2,805,996	301,859	1,088,087
1976.....	315,687	83,174	1,757,043	729,842	66	2,885,792	562,474	833,158
1977.....	372,518	29,903	1,881,683	468,753	148	2,752,885	720,892	366,227
1978.....	358,964	37,366	1,943,628	435,972	139	2,776,069	783,236	395,951
1979.....	348,002	46,435	2,003,011	496,981	140	2,884,569	745,828	429,116
1980.....	371,658	29,491	993,306	286,868	300,710	1,982,033	353,683	335,528
1981.....	268,276	10,366	2,067,924	387,790	4,632	2,758,991	374,812	431,490
1982.....	450,449	20,574	1,887,011	283,141	1,323	2,642,496	473,416	256,436
1983.....	537,855	19,208	1,776,069	342,477	1,715	3,677,324	529,949	291,084
1984.....	402,449	33,063	2,414,852	422,026	2,167	3,274,567	692,333	470,294
1985.....	860,506	30,407	2,238,427	496,928	1,942	3,601,212	721,690	610,897
1986.....	559,256	4,784						

¹ Prior to 1983 includes shipments to Puerto Rico. Includes all peanut export categories except peanuts not shelled or not roasted.² Includes ungraded and straight run oil stock peanuts.

National Agricultural Statistics Service and Economic Research Service. Foreign trade from the U.S. Bureau of the Census.

Table 159.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1972-85

Type, and year beginning August	Shelled uses						Apparent disappearance (cleaned in shell) ²
	Peanut butter ¹	Peanut butter sandwiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Virginia:							
1972	46,435	7,770	167,941	55,597	4,508	277,251	
1973	72,614	3,821	171,695	53,052	4,336	305,518	
1974	67,461	2,978	132,861	51,278	3,180	257,758	
1975	62,244	3,068	147,933	52,335	2,746	268,326	
1976	46,167	4,566	98,992	49,876	2,222	201,823	
1977	49,517	3,994	88,773	44,260	2,164	188,708	
1978	48,824	4,655	91,426	48,424	2,531	195,860	
1979	47,462	7,353	83,755	27,899	2,493	168,962	
1980	26,142	2,487	50,095	15,905	1,137	95,764	
1981	33,862	2,600	94,698	15,701	1,371	138,142	
1982	74,427	2,358	114,593	21,130	2,678	215,186	
1983	41,915	2,176	101,980	15,402	1,795	163,268	
1984	44,612	2,123	96,181	31,276	2,048	176,237	
1985	52,855	1,939	113,577	32,900	5,286	206,557	
Runner:							
1972	265,938	12,983	29,665	122,164	8,694	439,444	
1973	390,045	16,020	51,555	115,278	10,502	523,398	
1974	415,720	13,751	96,092	101,729	7,435	624,756	
1975	447,182	15,204	94,833	124,423	9,742	691,184	
1976	455,900	17,192	102,603	121,193	11,874	708,762	
1977	492,439	23,020	144,309	126,101	13,735	799,604	
1978	546,001	22,528	158,262	158,258	13,949	896,998	
1979	600,920	22,303	155,469	183,612	14,607	976,911	
1980	529,923	21,289	127,430	177,096	15,327	871,067	
1981	596,231	19,534	162,967	199,351	12,356	990,439	
1982	578,488	19,109	157,548	223,338	13,137	991,518	
1983	596,617	21,738	164,380	237,075	12,429	1,032,248	
1984	626,305	23,440	175,404	209,765	15,962	1,050,877	
1985	605,696	22,261	207,503	240,198	16,192	1,091,850	
Spanish:							
1972	265,688	4,983	56,824	87,087	4,371	418,863	
1973	257,314	4,041	61,057	83,174	4,457	410,043	
1974	167,503	3,609	59,332	64,028	3,764	298,536	
1975	138,631	2,685	59,069	62,918	3,509	266,812	
1976	115,870	2,460	52,227	63,961	3,726	238,244	
1977	81,870	1,182	41,137	64,858	2,783	191,330	
1978	70,112	884	41,925	61,753	2,625	177,300	
1979	51,643	681	45,650	46,845	2,213	147,032	
1980	32,491	302	27,964	41,889	3,224	105,870	
1981	23,617	525	30,379	40,810	1,544	96,875	
1982	24,688	464	35,980	39,688	1,144	101,963	
1983	32,898	365	35,602	45,588	1,245	115,696	
1984	26,219	677	37,466	49,276	1,191	114,831	
1985	42,735	424	37,463	40,739	2,059	123,400	
All types:							
1972	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975	648,057	20,957	301,636	239,676	15,997	1,226,322	142,029
1976	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977	623,826	28,196	274,219	235,219	15,682	1,180,142	190,593
1978	664,937	28,067	291,514	268,435	19,105	1,272,158	210,955
1979	700,025	30,337	284,374	258,356	19,313	1,292,905	201,441
1980	588,556	24,078	205,489	237,890	19,688	1,075,701	120,263
1981	653,710	22,659	277,954	255,862	15,271	1,225,456	200,735
1982	677,602	21,930	308,118	284,156	16,959	1,308,765	206,425
1983	671,430	24,279	301,971	298,065	15,469	1,311,214	172,984
1984	697,137	26,240	309,050	290,318	19,201	1,341,945	211,947
1985	701,289	24,623	358,542	313,596	23,515	1,421,805	234,601

¹ Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.² Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

National Agricultural Statistics Service and Economic Research Service.

Table 160.—Peanuts: Area, yield, and production, by States, 1984-86

State	Area planted			Peanuts for nuts								
	1984	1985	1986 ¹	Area harvested			Yield per harvested acre			Production ²		
				1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
AL.....	221.0	201.0	220.0	219.0	200.0	219.0	2,960	2,950	2,260	648,550	590,000	494,940
FL.....	85.0	80.0	94.0	77.0	72.0	87.0	3,200	3,000	2,680	246,400	216,000	233,160
GA.....	643.0	595.0	675.0	640.0	593.0	665.0	3,375	3,240	2,455	2,160,000	1,921,320	1,632,575
NM.....	14.6	12.4	12.7	14.5	12.4	12.7	2,220	2,580	2,260	32,190	31,992	28,700
NC.....	157.0	155.0	145.0	155.0	154.0	143.0	2,900	2,935	3,080	449,500	451,990	440,440
OK.....	97.0	87.0	100.0	91.0	83.0	90.0	2,077	2,060	2,050	189,000	170,980	184,500
SC.....	15.0	12.0	12.0	14.5	12.0	11.5	2,700	2,850	2,220	39,150	34,200	25,580
TX.....	232.0	232.0	225.0	223.0	245.0	220.0	1,465	1,725	1,750	371,295	422,625	385,000
VA.....	98.0	96.0	89.0	97.0	96.0	89.0	2,780	2,955	3,100	269,640	283,680	275,900
US.....	1,562.6	1,490.4	1,572.7	1,581.0	1,467.4	1,537.2	2,879	2,810	2,407	4,405,745	4,122,787	3,700,745

¹ Preliminary. ² Not weight basis; estimates comprised of quota and non-quota peanuts.

National Agricultural Statistics Service.

Table 161.—Peanuts for nuts: Season average price, and value of production, by States, crop of 1984, 1985, and 1986

State	Season average price per pound			Value of production		
	1984	1985	1986 ¹	1984	1985	1986 ¹
	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	28.5	22.7	25.5	184,837	133,980	126,210
FL.....	26.8	22.5	25.0	65,542	48,600	58,290
GA.....	28.8	24.6	30.0	622,080	472,645	489,773
NM.....	29.0	29.3	36.3	9,335	9,374	10,476
NC.....	27.2	27.2	29.9	122,264	122,941	131,251
OK.....	26.9	26.3	33.0	50,841	44,968	60,885
SC.....	23.0	17.2	29.7	9,005	5,682	7,582
TX.....	25.9	25.5	29.6	96,165	107,769	113,940
VA.....	26.2	20.2	24.0	70,651	57,305	66,216
US.....	27.9	24.3	28.8	1,230,720	1,000,412	1,064,643

¹ Preliminary.

National Agricultural Statistics Service.

Table 162.—Peanuts, farmers' stock: Average price per pound to growers, 1972-86¹

Crop year ²	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencia	Crop year ²	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencia
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1972.....	14.6	15.1	14.2	15.2	1980.....	21.6	22.7	20.8	23.4
1973.....	16.2	16.6	15.6	16.9	1981.....	22.7	23.1	22.6	24.1
1974.....	17.6	18.5	17.4	17.7	1982.....	29.2	29.2	26.9	28.8
1975.....	18.7	19.3	18.2	22.5	1983.....	25.1	27.9	26.7	28.8
1976.....	19.9	20.1	19.0	24.5	1984.....	28.8	29.6	27.3	29.1
1977.....	21.5	22.1	20.8	24.5	1985.....	29.9	29.6	27.6	29.0
1978.....	21.9	21.9	20.4	22.1	1986.....	31.1	31.7	29.9	29.9
1979.....	21.1	22.4	20.4	21.3					

¹ Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.² Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and the Southwestern States.

Agricultural Marketing Service.

Table 163.—Peanuts, farmers' stock: Price-support operations, United States, 1972-86

Year beginning August	Quota support price		Additional support level (per pound)	Put under support ²		Owned by COC July ³
	Per pound	Percentage of parity ¹		Quantity	Percentage of production	
	Cents	Percent	Cents	Million pounds	Percent	Million pounds
1972.....	14.25	75	.....	1,277	29.0	24
1973.....	16.425	75	.....	1,029	29.6	0
1974.....	18.3	75	.....	1,072	29.2	552
1975.....	19.725	75	.....	1,186	29.5	958
1976.....	20.7	75	.....	854	22.8	0
1977 ⁴	21.525	75	.....	636	14.4	2
1978.....	21.0	(⁵)	12.5	515	12.9	.....
1979.....	21.0	(⁵)	15.0	709	17.9	.....
1980.....	22.75	(⁵)	12.5	337	14.6	.....
1981.....	22.75	(⁵)	12.5	855	20.9	2
1982.....	27.50	(⁵)	10.0	589	15.7	.....
1983.....	27.5	(⁵)	9.3	967	11.1	.....
1984.....	27.5	(⁵)	9.3	1,370	30.9	.....
1985.....	27.5	(⁵)	9.3	1,359	33.0	.....
1986.....	30.4	(⁵)	7.5	290	7.8	.....

¹ Percentage of the parity price as of the beginning of the marketing year. ² Includes loans made and direct purchases. ³ Includes shelled peanuts converted to farmers' stock basis. ⁴ The 1977 legislation authorized a two-price poundage quota program with declining minimum quota levels for 1978-81 crops. The 1981 legislation suspended allotments and continued the declining poundage quotas and the two-price program for 1982-85 crops. The 1985 legislation continued the suspension of allotments and the two-price program, but sets the poundage quota at estimated domestic edible, seed and related uses for the 1986-90 crops. Quota peanuts are those peanuts grown within the farm poundage quota. Additional peanuts are those peanuts grown in excess of the quota. ⁵ Not applicable. For 1978-86, support level was not based on parity.

Agricultural Stabilization and Conservation Service.

Table 164.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1976-85 ¹

Classification	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Runner Jumbo.....	34%	37%	36%	37%	40	47%	47%	58%	44%	55%
Runner Medium.....	33	35%	35	36%	38%	44%	47%	56 1/2	43	52%
Runner U.S. Splits.....	26%	32%	33%	35%	39	44%	47%	55 1/2	41	49%
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy.....	32%	36%	34	36%	38	41 1/2	43%	62%	34%	38%
Shelled Virginias:										
Extra large.....	39%	40%	42%	47%	45%	49%	49	71%	47%	55%
Medium.....	37%	38%	37%	39%	41	47%	47%	60	44%	53%
No. 2 with 70% splits.....	25%	30%	31%	33%	35%	37%	45%	49%	40%	44%
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1.....	36%	40%	38%	38%	42	54%	52%	59%	55%	52%
Spanish U.S. Splits.....	27%	33%	34%	36%	39	49%	48%	55%	44	47%
New Mexico:										
Handpicked unshelled Valencias ²	32%	34%	35%	36%	37	44%	43%	52%	39	39%

¹ Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.

² No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 165.—Peanuts: ¹ Area and production in specified countries and the world, 1984-85/1986-87

Continent and country	Harvested area ²			Production		
	1984-85	1985-86	1986-87 ³	1984-85	1985-86	1986-87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America and Caribbean:						
United States.....	620	594	621	1,998	1,870	1,677
Mexico.....	40	43	45	55	65	60
Dominican Republic.....	21	20	21	15	18	19
Total.....	681	657	687	2,068	1,953	1,756
South America:						
Argentina.....	143	168	185	270	310	350
Brazil.....	190	160	150	337	218	230
Colombia.....	4	3	4	6	5	5
Ecuador.....	12	8	9	10	8	9
Paraguay.....	39	40	40	42	40	40
Venezuela.....	3	4	6	5	7	11
Total ⁴	408	399	410	688	605	662
Europe:						
Total (including Soviet Union).....	4	4	6	7	8	10
Africa:						
Egypt.....	13	14	15	35	37	40
Nigeria.....	550	520	520	500	400	450
Morocco.....	25	24	25	35	29	30
Zimbabwe.....	133	134	140	68	72	76
Zambia.....	32	33	35	15	18	22
South Africa.....	230	221	162	196	111	131
Total ⁴	5,332	4,769	5,053	3,568	3,487	3,916
Asia:						
Turkey (Europe and Asia).....	23	21	30	43	59	70
China.....	2,421	3,318	3,332	4,815	6,664	5,881
Taiwan.....	52	52	41	88	90	69
Burma.....	646	675	700	661	700	725
India.....	7,168	7,311	7,500	6,436	5,547	5,900
Indonesia.....	490	497	503	706	715	725
Japan.....	29	27	24	51	51	47
Pakistan.....	58	55	60	69	63	70
Philippines.....	47	50	52	42	44	47
Thailand.....	125	121	130	172	171	178
Other countries.....	190	202	208	191	202	216
Total.....	11,287	12,368	12,615	13,356	14,382	13,905
Oceania: Australia.....	30	30	33	42	43	48
World total ⁴	17,742	18,227	18,904	19,729	20,478	20,387

¹ Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

² Harvested area as far as possible.

³ Preliminary.

⁴ Includes countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 166.—Soybeans: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per acre	Production	Soybeans for beans					Season average price per bushel received by farmers ¹	Value of production
					Used on farms where produced		Sold				
					For seed	Fed to livestock					
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars		
1972.....	46,966	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074		
1973.....	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042		
1974.....	52,479	51,341	23.7	1,216,287	* 25,317		1,190,970	6.64	8,078,943		
1975.....	54,590	53,617	28.9	1,548,344	21,679		1,526,665	4.92	7,622,493		
1976.....	50,269	49,401	28.1	1,288,608	23,894		1,264,714	6.81	8,775,761		
1977.....	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88	10,383,377		
1978.....	64,706	63,663	29.4	1,868,754	25,657		1,843,097	6.66	12,449,679		
1979.....	71,411	70,343	32.1	2,280,665	(3)		(3)	6.28	14,203,660		
1980.....	69,930	67,813	26.5	1,797,543	(3)		(3)	7.57	13,601,112		
1981.....	67,543	66,163	30.1	1,989,110	(3)		(3)	6.04	12,004,638		
1982.....	70,884	69,442	31.5	2,190,297	(3)		(3)	5.69	12,462,779		
1983.....	63,779	62,525	26.2	1,635,772	(3)		(3)	7.81	12,774,974		
1984.....	67,755	66,113	28.1	1,860,863	(3)		(3)	5.78	10,748,050		
1985.....	63,130	61,584	34.1	2,098,531	(3)		(3)	5.04	10,571,324		
1986 ⁴	61,480	59,427	33.8	2,007,038	(3)		(3)	4.65	9,326,189		

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

² Beginning 1974, not estimated separately.

³ Series discontinued.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 167.—Soybeans: Stocks on and off farms, United States, 1972-87

Year	On farms				Off farms ²			
	Jan. 1	Apr. 1	June 1 ¹	Sept. 1 ²	Jan. 1	Apr. 1	June 1 ¹	Sept. 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973.....	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974.....	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975.....	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976.....	590,926	411,335	254,029	86,159	665,689	456,283	300,938	158,781
1977.....	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978.....	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979.....	699,556	408,930	241,255	61,509	695,034	467,646	284,850	114,079
1980.....	890,091	600,648	396,040	128,596	877,896	580,322	378,144	229,880
1981.....	732,384	527,222	363,317	153,571	792,792	493,892	317,603	159,436
1982.....	882,826	565,792	354,097	117,749	727,478	460,128	292,268	136,732
1983.....	1,008,139	643,134	424,658	118,574	754,560	504,529	365,966	226,060
1984.....	620,171	374,237	179,601	67,912	670,384	415,765	292,085	107,784
1985.....	766,395	487,369	326,596	143,221	655,724	408,632	281,821	172,896
1986.....								
1987 ⁴								
Year	Mar. 1	June 1	Sept. 1 ²	Dec. 1	Mar. 1	June 1	Sept. 1 ²	Dec. 1
1986.....	n.a.	411,740	167,090	1,086,000	n.a.	437,186	369,275	895,437
1987 ⁴	634,900	310,100			749,961	554,654		

¹ Prior to 1976, estimates are for July 1.

² Old crop only.

³ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

⁴ Preliminary.

n.a. not available.

National Agricultural Statistics Service.

Table 168.—Soybeans: Supply and disappearance, United States, 1972-86

Year beginning September	Supply				
	Stocks by position			Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	11,779	60,183	71,962	1,270,608	1,342,570
1973.....	9,412	50,222	59,634	1,547,543	1,607,177
1974.....	64,414	106,337	170,751	1,216,287	1,387,038
1975.....	78,229	109,922	188,151	1,548,344	1,736,495
1976.....	86,159	158,781	244,940	1,288,608	1,533,548
1977.....	32,756	70,168	102,924	1,767,267	1,870,191
1978.....	59,132	102,044	161,176	1,868,754	2,029,930
1979.....	61,509	114,079	175,588	2,280,665	2,456,253
1980.....	123,596	229,880	353,476	1,797,543	2,151,019
1981.....	153,571	159,436	313,007	1,989,110	2,302,117
1982.....	117,749	136,732	254,481	2,190,297	2,444,778
1983.....	118,574	226,060	344,634	1,635,772	1,980,406
1984.....	67,912	107,784	175,696	1,860,863	2,036,559
1985.....	143,221	172,836	316,057	2,098,531	2,414,588
1986 ¹	167,090	396,275	563,365	2,007,033	2,570,398

Year beginning September	Disappearance			
	Crushed ²	Feed and residual ³	Net exports ⁴	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1972.....	721,800	20,940	479,443	1,222,938
1973.....	821,313	19,890	539,129	1,436,426
1974.....	701,262	19,697	427,342	1,208,527
1975.....	865,121	16,845	555,094	1,490,602
1976.....	790,204	10,398	564,071	1,429,562
1977.....	926,661	32,000	706,484	1,709,145
1978.....	1,017,820	99,000	739,154	1,855,974
1979.....	1,123,382	85,000	875,173	1,983,555
1980.....	1,020,493	89,000	724,295	1,833,788
1981.....	1,029,677	83,000	929,060	2,041,737
1982.....	1,107,997	96,989	905,158	2,109,144
1983.....	982,685	85,000	740,330	1,808,015
1984.....	1,030,474	93,000	596,174	1,721,648
1985 ¹	1,052,827	96,000	741,262	1,890,089

¹ Preliminary.² Reported by the U.S. Department of Commerce.³ Seed, feed, and residual are combined, beginning 1977.⁴ Imports negligible.

Economic Research Service.

FOOTNOTES FOR TABLE 170

¹ Exports only 1978 to date.² Preliminary.

Economic Research Service. Data from the U.S. Department of Commerce.

Table 169.—Soybeans: Area, yield, and production, by States, 1984-86

State	Area planted			Soybeans for beans								
	1984	1985	1986 ¹	Area harvested			Yield per harvested acre			Production		
				1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	1,406	1,080	680	1,870	1,030	630	21.0	27.0	28.0	28,770	27,810	14,490
AR.....	4,850	3,750	3,400	3,900	3,700	3,300	26.0	26.5	21.0	101,400	98,050	69,300
DE.....	260	245	245	250	240	240	24.0	30.0	25.0	6,000	7,200	6,000
FL.....	340	260	150	325	230	140	24.0	26.0	23.0	7,800	5,980	3,220
GA.....	2,100	1,800	1,250	2,000	1,550	850	20.0	24.0	18.0	40,000	37,200	15,300
IL.....	9,290	9,100	9,290	9,020	9,000	9,150	31.5	42.5	40.0	284,130	382,500	386,000
IN.....	4,400	4,500	4,300	4,350	4,400	4,250	34.5	41.5	38.0	150,075	185,090	161,500
IA.....	8,500	8,200	8,800	8,400	8,150	8,750	31.5	38.0	41.5	264,600	309,700	365,125
KS.....	1,700	1,500	1,870	1,590	1,410	1,760	17.5	31.0	34.0	27,825	48,710	59,840
KY.....	1,520	1,280	1,200	1,460	1,230	1,170	29.0	34.0	32.0	42,340	41,820	37,440
LA.....	2,500	2,250	1,950	2,430	2,100	1,820	27.5	21.0	21.0	66,825	44,100	38,220
MD.....	435	410	400	425	400	390	29.0	32.0	28.0	12,325	12,800	10,920
MI.....	1,200	1,100	1,000	1,190	1,080	950	27.0	32.0	32.0	32,130	34,560	30,400
MN.....	5,300	5,100	4,900	5,240	5,000	4,800	33.0	32.0	32.5	172,920	160,000	170,400
MS.....	3,300	2,700	2,600	3,500	2,620	2,450	34.0	27.0	18.0	76,800	70,740	44,100
MO.....	5,500	5,300	5,500	5,300	5,230	5,300	20.5	34.5	33.5	108,650	180,455	177,550
NE.....	2,600	2,400	2,500	2,550	2,350	2,450	26.0	36.0	39.0	66,900	84,960	95,550
NJ.....	135	130	120	133	129	117	31.0	34.0	29.0	4,123	4,386	3,293
NC.....	1,850	1,800	1,700	1,790	1,700	1,600	26.0	23.0	24.0	46,540	39,100	38,400
ND.....	750	500	475	740	490	470	23.0	26.0	35.5	17,020	12,740	16,685
OH.....	3,900	3,900	3,700	3,770	3,870	3,670	36.5	41.5	41.0	137,605	160,605	150,470
OK.....	240	210	255	220	190	200	19.0	23.0	24.0	4,180	4,370	4,900
PA.....	175	175	165	170	170	160	35.0	35.0	35.0	5,950	5,950	5,600
SC.....	1,520	1,290	1,020	1,490	1,220	880	20.0	20.0	17.0	29,800	24,600	14,960
SD.....	1,400	1,280	1,350	1,260	1,270	1,330	22.0	32.0	31.0	31,280	40,640	41,230
TN.....	1,900	1,500	1,550	1,850	1,460	1,500	26.0	31.0	25.0	48,100	45,280	37,500
TX.....	450	320	240	410	290	190	29.0	25.0	23.0	11,890	7,250	4,370
VA.....	750	720	630	730	685	590	29.5	25.0	25.0	21,535	17,375	14,750
WI.....	480	350	330	450	300	320	31.0	32.0	36.0	13,950	9,600	11,520
US.....	67,735	63,130	61,480	66,113	61,584	59,427	28.1	34.1	33.8	1,860,863	2,098,531	2,007,083

¹ Preliminary.

National Agricultural Statistics Service.

Table 170.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1972-86

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports	Stocks Oct. 1	Production	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1972.....	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973.....	397,370	220,961	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974.....	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975.....	220,260	222,106	231,457	203,666	877,489	561	9,630	1,034	368	20,754	5,145
1976.....	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,547	355	18,488	4,559
1977.....	247,701	247,190	235,108	216,180	946,179	771	10,288	2,057	228	22,371	6,080
1978.....	275,280	261,117	253,009	232,880	1,022,266	729	11,323	2,334	243	24,354	5,610
1979.....	301,607	308,887	268,460	250,147	1,129,101	776	12,105	2,690	267	27,105	7,932
1980.....	280,378	280,450	241,097	222,398	1,014,323	1,210	11,270	1,631	226	24,312	6,784
1981.....	304,502	256,749	244,647	213,779	1,029,677	1,786	10,979	1,077	163	24,634	5,908
1982.....	320,159	298,556	247,012	253,881	1,119,608	1,103	12,040	2,025	175	26,791	7,109
1983.....	272,408	259,026	224,579	205,635	961,648	1,261	10,872	1,824	474	22,756	5,960
1984.....	289,243	260,953	255,295	245,939	1,051,430	721	11,468	1,660	255	24,529	4,917
1985.....	291,843	272,653	250,288	240,941	1,055,725	632	11,617	1,257	287	24,951	6,009
1986 ^a	324,038	318,524				947			312		

See footnotes on page 125.

Table 171.—Soybeans for beans: Season average price and value of production, by States, crop of 1984, 1985, and 1986

State	Season average price per bushel ¹			Value of production ¹		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	6.06	5.06	4.90	174,346	140,719	71,001
AR	5.96	5.18	5.00	604,344	507,899	345,500
DE	5.87	5.00	4.75	35,220	36,000	28,500
FL	6.19	5.19	4.90	48,282	31,036	15,778
GA	5.96	4.83	4.75	238,400	179,676	72,675
IL	5.85	5.16	4.75	1,662,161	1,973,700	1,738,500
IN	5.87	5.04	4.65	890,940	932,854	750,975
IA	5.55	4.98	4.50	1,468,530	1,542,306	1,434,083
KS	5.74	4.95	4.50	159,716	216,265	269,280
KY	6.07	5.25	4.90	257,004	219,555	183,456
LA	6.00	5.01	4.65	400,950	220,941	177,723
MD	5.98	5.01	4.75	72,471	64,128	51,870
MI	5.73	4.94	4.55	184,105	170,726	138,320
MN	5.43	4.96	4.55	938,956	793,600	775,320
MS	6.04	5.16	4.95	463,872	865,018	218,295
MO	5.78	4.96	4.50	627,997	894,368	796,975
NE	5.55	4.88	4.50	367,965	412,906	429,975
NJ	5.99	4.90	4.80	24,697	21,491	16,286
NC	5.93	5.08	4.85	275,982	196,673	186,240
ND	5.51	4.79	4.40	93,780	61,025	78,414
OH	5.84	5.10	4.75	803,612	819,086	714,733
OK	5.64	4.71	4.50	23,575	20,583	21,600
PA	5.84	4.76	4.65	34,748	29,322	25,040
SC	5.98	5.09	4.85	178,204	123,214	72,556
SD	5.47	4.82	4.55	171,102	195,885	187,597
TN	5.94	5.09	4.90	285,714	230,373	183,750
TX	5.46	4.71	4.40	64,919	34,148	19,228
VA	5.94	5.15	4.90	127,918	89,481	72,275
WI	5.63	4.86	4.45	78,539	46,656	51,264
US	5.78	5.04	4.65	10,748,050	10,671,834	9,336,189

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. ² Preliminary.

National Agricultural Statistics Service.

Table 172.—Soybeans: Price-support operations, United States, 1972-86

Year beginning September	Support price		Put under support ²		Acquired by OOC under support program ³	Owned by OOC Aug. 31
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1972	2.25	54	90,555	7.1	36	.....
1973	2.25	45	124,177	8.0	52	.....
1974	2.25	37	34,554	2.8	7	.....
1975	(*)	.....	.....	.....	.....	.....
1976	2.50	34	22,471	1.7	2	.....
1977	3.50	45	97,548	5.5	104	.....
1978	4.50	51	64,173	3.4	179	.....
1979	4.50	45	122,084	5.4	275	1
1980	5.02	43	133,209	7.4	3,412	76
1981	5.02	40	221,486	11.1	23,319	512
1982	5.02	39	386,544	18.1	245	29,851
1983	5.02	39	191,209	8.3	410	700
1984	5.02	39	278,296	15.0	150,500	4,400
1985	5.02	40	516,900	24.6	* 266,000	131,300
1986	4.77	30	* 325,000	16.2	.....	.....

¹ Percentage of the parity price as of the beginning of the marketing year.

² Includes loans made, purchase agreements entered into, and direct purchases.

³ Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁴ Price support not authorized for the 1975 crop.

⁵ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 173.—Soybeans, soybean meal, and oil: Average price at specified markets, 1972-85

Year ¹	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur	Year ¹	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur
	Dollars	Cents	Dollars		Dollars	Cents	Dollars
1972	6.27	16.5	228.99	1980	7.50	22.7	218.18
1973	6.12	31.5	146.35	1981	6.24	18.95	182.52
1974	6.34	30.7	130.86	1982	6.11	20.62	187.19
1975	5.25	18.3	147.78	1983	7.78	30.53	188.21
1976	7.36	23.9	199.80	1984	5.88	29.52	125.46
1977	6.11	24.5	164.20	1985	5.20	12.02	154.88
1978	7.99	27.2	190.06				
1979	6.46	24.3	181.91				

¹ Year beginning September for soybeans and October for oil and meal.

Economic Research Service.

Table 174.—Soybeans: Area, yield, and production in specified countries and the world, 1984-85/1986-87 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1984-85	1985-86	1986-87 ³	1984-85	1985-86	1986-87 ³	1984-85	1985-86	1986-87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	417	425	405	2,264	2,466	2,440	944	1,048	988
United States ⁴	26,755	24,922	24,050	1,898	2,292	2,271	50,644	57,113	54,622
Mexico	350	370	330	1,571	1,919	1,848	550	710	610
Total	27,522	25,717	24,785				52,138	58,871	56,220
South and Central America:									
Argentina	3,270	3,350	3,650	2,064	2,179	2,055	6,750	7,300	7,500
Brazil	10,153	9,264	9,300	1,800	1,484	1,828	18,278	13,900	17,000
Paraguay	550	550	530	1,727	1,091	1,792	950	600	950
Other	167	195	242				288	408	448
Total ⁵	14,140	13,459	13,722				26,266	22,208	25,898
Europe:									
Bulgaria	72	71	65	1,000	549	1,090	72	30	65
Romania	292	319	305	1,394	994	1,230	407	317	875
Other Europe	207	250	401				427	557	1,112
Total	571	640	771				906	913	1,552
Soviet Union (Europe and Asia).....	772	738	745	608	621	994	469	458	703
Africa:									
Egypt	46	46	50	3,109	2,891	2,800	143	133	140
Nigeria	100	115	125	600	591	600	60	68	75
Zimbabwe	44	43	50	1,955	1,651	1,900	86	71	95
Other Africa	34	41	45				51	49	60
Total	224	245	270				340	321	370
Asia:									
Burma	30	30	30	733	733	733	22	22	22
China	7,286	7,718	8,238	1,331	1,360	1,402	9,695	10,500	11,547
Taiwan	7	9	9	1,714	1,667	1,778	12	15	16
India	1,243	1,301	1,350	768	755	815	955	982	1,100
Indonesia	896	910	1,000	971	978	980	870	890	980
Iran	55	60	60	1,455	2,167	2,167	80	130	130
Japan	134	134	138	1,776	1,701	1,775	238	228	245
Korea, Dem. Peo. Rep. of	300	300	320	1,100	1,100	1,094	330	330	350
Korea, Rep. of	190	156	133	1,337	1,500	1,496	254	234	199
Thailand	193	241	237	1,275	1,282	1,350	246	309	320
Turkey (Europe and Asia).....	28	45	60	2,143	1,667	2,000	60	75	120
Other Asia	131	141	151				95	98	104
Total	10,493	11,045	11,726				12,857	13,813	15,133
Oceania: Australia	63	79	76	1,746	1,342	1,776	110	106	135
World total	53,785	51,923	52,095				93,086	96,690	100,011

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Area harvested for beans. ⁵ Includes estimates for above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 175.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, 1983/84-1985/86¹

Continent and country of destination	Soybeans			Soybean oil ^a			Soybean oilseed cake and meal		
	1983/84	1984/85	1985/86 ^a	1983/84	1984/85	1985/86 ^a	1983/84	1984/85	1985/86 ^a
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Barbados.....	0	0	0	1,856	1,606	1,359	8,567	8,156	11,185
Canada.....	248,192	139,781	130,301	9,804	12,915	6,105	427,551	489,964	607,344
Haiti.....	32,388	15,521	8,280	12,158	16,110	9,474	992	0	766
Jamaica.....	55,404	49,292	51,859	3,606	8,039	750	8,968	2,326	0
Mexico.....	1,423,102	1,125,580	813,901	68,081	45,422	49,109	0	105,804	81,465
Netherlands Antilles.....	0	0	0	1,814	1,153	492	1,490	1,922	1,846
Panama.....	19,152	9,756	18	15,657	8,034	2,780	15,239	20,075	27,957
Total^a	1,794,598	1,363,619	1,061,463	177,959	155,818	91,940	635,441	833,908	918,501
South America:									
Bolivia.....	0	0	0	2,160	2,691	1,560	0	0	0
Chile.....	0	0	0	2	78	2	0	0	0
Colombia.....	106,406	124,461	58,050	24,456	22,178	8,940	11,050	6,797	0
Ecuador.....	31,704	0	0	41,103	44,721	16,689	7,348	0	0
Peru.....	0	2,382	0	24,938	11,399	1,002	5,906	18,874	43,471
Surinam.....	0	0	0	0	0	0	8,937	11,215	10,757
Venezuela.....	105,160	138,950	145,935	50,547	51,882	17,108	527,223	686,479	542,542
Total^a	244,398	265,888	460,297	143,420	168,705	45,997	564,205	721,368	597,720
Europe:									
Belgium and Luxembourg.....	881,822	657,944	784,941	338	66	0	7,403	0	0
Czechoslovakia.....	0	13,209	0	0	0	0	0	0	0
Denmark.....	113,039	71,659	57,116	1	0	0	0	0	9,944
France.....	498,111	310,940	370,667	288	0	0	0	0	15,000
Germany, Fed. Rep. of.....	987,449	718,151	934,105	510	36	502	1,154,151	195,898	575,998
Greece.....	148,415	202,027	199,046	22	0	0	2,513	13,283	0
Iceland.....	0	0	0	29	17	0	0	0	0
Ireland.....	0	0	0	0	0	0	4,568	16,239	4,678
Italy.....	569,522	613,459	838,711	0	0	0	493,013	498,978	658,196
Netherlands.....	2,987,598	2,857,156	3,056,487	0	19	38	693,141	904,969	1,221,112
Norway.....	226,469	165,029	174,072	0	0	0	0	0	0
Poland.....	96,186	29,127	0	9,930	5,504	2,942	278,478	117,229	0
Spain.....	1,800,312	1,084,217	1,519,011	1	0	1	62,974	73,530	74,547
Sweden.....	0	0	23	38	0	0	0	0	9,064
Switzerland.....	417,775	32,701	1,435	0	0	0	48,222	4,840	0
United Kingdom.....	339,858	333,834	441,957	179	0	95	2,549	56,227	59,685
Yugoslavia.....	212,411	206,078	243,450	0	0	0	8,065	51,319	128,753
Total^a	10,159,898	8,003,556	9,419,910	11,327	5,642	3,597	2,919,850	2,170,905	2,904,728
Soviet Union.....	408,431	0	1,518,594	0	39,500	0	0	0	0
Africa:									
Morocco.....	8,250	0	28,051	2,499	2,758	2,236	0	0	0
South Africa.....	0	0	0	2,033	4,292	2,638	3,422	10,783	2,226
Egypt.....	32,201	0	44,000	2,632	3,884	4,921	14,335	86,954	309,030
Total^a	40,451	0	72,051	66,857	110,887	90,643	17,757	97,737	309,022
Asia:									
Taiwan.....	1,361,548	1,388,896	1,505,815	1,448	10	30	481	0	0
India.....	0	0	0	169,366	62,805	37,562	0	0	0
Israel.....	429,021	376,578	415,643	473	874	360	0	661	0
Japan.....	4,393,583	3,827,574	4,283,149	4,751	1,339	623	8,300	4,191	45,944
Korea, Rep. of.....	733,295	675,926	995,708	51	0	19	60,015	0	42,378
Pakistan.....	199	0	0	216,124	168,437	274,935	2,032	4,622	0
Philippines.....	0	0	5,875	2,762	2,822	3,000	293,832	195,586	164,002
Total^a	7,317,584	6,471,739	7,507,835	426,638	271,039	337,535	703,363	606,734	679,082
Oceania:									
Australia.....	12,140	38,158	19	309	235	168	18,179	15,594	40,306
New Zealand.....	956	11	4	848	1,066	415	2,330	2,493	2,126
Total^a	13,096	38,171	23	1,221	1,331	589	21,411	18,301	42,551
Grand total^a	* 20,214,594	* 16,279,962	20,173,839	827,422	752,918	570,297	4,862,027	4,456,949	5,451,553

See footnotes on page 134.

Table 176.—Sunflower: Area, yield, production, and value, United States, 1972–86 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	719	692	916	633,580	4.86	30,768
1973.....	678	666	1,080	719,070	8.52	61,243
1974.....	572	543	957	524,705	15.90	83,219
1975.....	787	709	1,109	786,010	10.80	84,962
1976.....	834	810	1,058	857,100	11.00	94,229
1977.....	2,321	2,205	1,252	2,760,470	10.20	280,428
1978.....	2,840	2,798	1,365	3,817,920	10.70	409,923
1979.....	5,555	5,410	1,349	7,296,110	9.05	659,962
1980.....	3,910	3,653	1,016	3,741,640	11.10	413,907
1981.....	3,265	3,811	1,177	4,487,410	10.80	485,358
1982.....	4,815	4,724	1,129	5,332,820	8.88	473,454
1983.....	3,110	3,063	1,044	3,198,500	13.10	418,764
1984.....	3,754	3,692	1,014	3,744,530	11.10	415,584
1985.....	3,055	2,844	1,109	3,153,020	7.98	251,505
1986 ²	2,025	1,955	1,369	2,675,750	6.90	185,186

¹ Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.² Preliminary.

National Agricultural Statistics Service.

Table 177.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1972–86 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	510	493	939	463,010	4.70	21,779
1973.....	495	486	1,138	553,200	8.06	44,587
1974.....	321	309	1,010	312,025	16.70	51,976
1975.....	573	523	1,117	584,000	10.50	61,137
1976.....	616	600	1,072	643,200	10.70	68,796
1977.....	2,075	1,965	1,258	2,472,120	10.10	249,348
1978.....	2,598	2,559	1,369	3,503,520	10.70	375,975
1979.....	5,331	5,191	1,350	7,008,550	8.93	625,912
1980.....	3,649	3,442	1,019	3,508,710	10.90	383,339
1981.....	3,545	3,436	1,178	4,118,570	10.60	436,252
1982.....	4,566	4,479	1,126	5,045,390	8.70	439,154
1983.....	2,954	2,909	1,041	3,027,850	13.10	396,573
1984.....	3,517	3,460	1,011	3,499,400	10.80	378,971
1985.....	2,807	2,698	1,100	2,967,920	7.45	213,774
1986 ²	1,777	1,716	1,367	2,345,110	6.50	152,861

¹ Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.² Preliminary.

National Agricultural Statistics Service.

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Table 178.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1972-86 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	209	199	857	170,550	5.27	8,963
1973.....	183	180	922	165,870	8.20	13,600
1974.....	251	229	890	212,680	14.70	31,243
1975.....	214	186	1,086	202,010	11.80	23,825
1976.....	218	210	1,019	213,900	11.90	25,433
1977.....	246	240	1,201	288,350	10.80	31,080
1978.....	242	239	1,315	314,400	10.80	33,948
1979.....	224	219	1,313	287,560	11.90	34,050
1980.....	261	241	967	232,930	13.10	30,568
1981.....	320	315	1,171	368,840	13.30	49,106
1982.....	249	245	1,173	287,490	11.90	34,200
1983.....	156	154	1,108	170,650	13.00	22,191
1984.....	237	232	1,057	245,130	14.90	36,613
1985.....	248	236	1,208	285,100	13.20	37,731
1986 ²	248	239	1,383	330,640	9.78	32,325

¹ Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.² Preliminary.

National Agricultural Statistics Service.

Table 179.—Sunflower: Area, yield, production, and value, by States, 1985-86

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1985	1986 ¹	1985	1986 ¹	1985	1986 ¹	1985	1986 ¹	1985	1986 ¹	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	1,000 dollars
Oil Varieties:												
MN.....	220	130	196	126	880	1,500	172,480	189,000	7.60	6.35	13,108	12,002
ND.....	1,970	1,240	1,820	1,195	1,080	1,350	1,965,600	1,613,250	7.32	6.60	143,882	106,475
SD.....	517	377	497	367	1,220	1,380	606,340	506,460	7.43	6.25	45,051	31,654
TX.....	160	80	95	25	1,300	1,300	123,500	36,400	9.50	7.50	11,783	2,730
Total.....	2,807	1,777	2,608	1,716	1,100	1,367	2,867,920	2,345,110	7.45	6.50	213,774	152,861
Non-oil Varieties:												
MN.....	25	25	23	24	1,100	1,550	25,300	37,300	12.60	9.60	3,188	3,571
ND.....	220	220	210	212	1,220	1,370	256,200	290,440	13.30	9.80	34,075	28,463
SD.....	3	3	3	3	1,300	1,000	3,600	3,000	13.60	9.70	466	291
Total.....	248	248	236	239	1,208	1,383	285,100	330,640	13.20	9.78	37,731	32,325
Total:												
MN.....	245	155	219	150	908	1,508	197,780	226,200	8.24	6.88	16,296	15,573
ND.....	2,190	1,460	2,030	1,407	1,094	1,353	2,221,800	1,903,690	8.01	7.09	177,957	134,938
SD.....	520	380	500	370	1,220	1,377	609,940	509,460	7.46	6.25	45,519	31,945
TX.....	100	80	95	28	1,300	1,300	123,500	36,400	9.50	7.50	11,783	2,730
Total.....	3,065	2,025	2,844	1,955	1,109	1,369	3,158,020	2,675,750	7.98	6.90	251,505	185,186

¹ Preliminary.

National Agricultural Statistics Service.

Table 180.—Sunflower seeds: Yield and production in specified countries, 1984/85–1986/87 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³	1984/85	1985/86	1986/87 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	89	71	39	1,079	1,155	1,359	96	82	53
Mexico	12	17	15	1,250	1,176	1,000	15	20	15
United States	1,494	1,151	791	1,137	1,242	1,585	1,698	1,430	1,214
Total	1,595	1,239	845				1,809	1,582	1,282
South America:									
Argentina	2,350	3,140	2,200	1,447	1,306	1,136	3,400	4,100	2,500
Brazil	3	3	3	1,000	1,000	1,000	3	3	3
Chile	20	80	20	1,500	1,833	1,750	30	55	35
Uruguay	39	75	60	795	1,027	833	31	77	50
Total ⁴	2,412	3,254	2,293				3,464	4,240	2,590
European Community:									
France	476	591	841	2,011	2,511	2,105	957	1,484	1,770
Greece	42	49	97	1,585	1,655	1,649	67	81	160
Italy	83	97	115	1,759	1,866	1,913	146	181	220
Portugal	38	40	40	737	775	875	28	31	35
Spain	1,007	1,125	915	1,092	813	916	1,100	915	838
Total	1,646	1,904	2,013				2,298	2,691	3,038
East Europe:									
Bulgaria	253	267	275	1,836	1,326	1,727	462	354	475
Czechoslovakia	27	23	25	1,589	1,826	2,280	43	42	57
Hungary	317	343	391	1,893	1,962	2,189	600	673	857
Romania	480	466	500	1,773	1,524	2,008	851	710	1,004
Yugoslavia	81	112	189	1,901	2,080	2,376	154	233	449
Total	1,158	1,211	1,380				2,110	2,012	2,841
North Africa:									
Egypt	7	7	7	1,857	2,143	2,143	13	15	15
Morocco	29	34	45	655	735	711	19	25	32
Total	36	41	52				32	40	47
Other Africa:									
Zambia	63	60	62	667	500	645	42	30	40
Zimbabwe	35	36	38	514	528	528	18	19	20
South Africa	310	323	383	758	842	1,052	235	272	403
Total ⁴	604	616	681				399	426	569
Middle East:									
Iran	10	11	15	500	545	667	5	6	10
Israel	12	9	2	833	1,000	1,000	10	9	2
Turkey	565	643	680	1,257	1,089	1,515	710	700	1,030
Total ⁴	594	670	704				732	724	1,051
Asia:									
Burma	161	170	170	863	853	853	139	145	145
China	1,013	1,474	1,050	1,682	1,175	1,429	1,704	1,732	1,500
India	835	694	850	527	434	529	440	391	450
Pakistan	20	33	35	900	818	857	18	27	30
Total	2,029	2,371	2,105				2,301	2,255	2,125
Soviet Union	3,907	4,058	3,848	1,159	1,291	1,366	4,527	5,234	5,258
Oceania: Australia	354	251	206	828	908	964	293	228	178
World total ⁴	14,335	15,611	14,130				17,965	19,338	18,904

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Totals may not add.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 181.—Peppermint Oil: Area, yield, production, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	61.4	57.1	53	3,004	5.25	15,765
1973.....	59.6	58.7	54	3,173	7.89	25,036
1974.....	61.8	61.0	54	3,302	13.80	45,686
1975.....	(¹)	68.1	55	3,753	12.60	47,120
1976.....		72.2	51	3,700	14.80	54,702
1977.....		86.9	51	4,409	14.30	63,209
1978.....		100.0	56	5,557	10.60	59,081
1979.....		90.9	58	4,815	9.91	47,693
1980.....		81.3	57	4,611	9.40	43,355
1981.....		69.5	60	4,191	9.39	39,359
1982.....		60.9	60	3,668	9.24	33,906
1983.....		61.3	63	3,867	10.10	39,152
1984.....		67.2	64	4,334	10.80	46,964
1985.....		65.1	66	4,317	10.20	43,989
1986 ²		64.2	67	4,328	10.60	45,985

¹ Estimates discontinued.² Preliminary.

National Agricultural Statistics Service.

Table 182.—Spearmint Oil: Area, yield, production, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	25.6	24.6	61	1,511	5.14	7,766
1973.....	25.4	25.0	54	35	8.22	11,104
1974.....	26.9	26.4	55	1,463	10.70	15,666
1975.....	(¹)	28.0	64	1,778	10.40	18,461
1976.....		29.0	58	1,686	12.30	20,778
1977.....		37.1	63	2,329	12.40	28,947
1978.....		46.1	70	3,244	7.46	24,200
1979.....		33.1	58	1,921	8.72	16,757
1980.....		31.3	68	2,139	9.61	20,554
1981.....		29.2	75	2,177	9.42	20,510
1982.....		22.8	59	1,355	12.60	17,067
1983.....		26.2	61	1,596	12.30	19,687
1984.....		27.9	72	2,019	12.60	25,405
1985.....		30.1	77	2,317	11.70	27,084
1986 ²		28.5	93	2,658	10.70	28,351

¹ Estimates discontinued.² Preliminary.

National Agricultural Statistics Service.

Table 183.—Mint Oil: Production and value, by States, 1984-86

State	Production			Price per pound			Value of production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	Dol- lars	Dol- lars	Dol- lars	1,000 dollars	1,000 dollars	1,000 dollars
Peppermint:									
ID.....	396	442	584	9.80	9.25	8.80	3,881	4,089	5,130
IN.....	288	182	228	10.00	11.70	13.30	2,880	2,129	3,032
OR.....	2,310	2,390	2,345	11.30	11.00	11.70	26,103	26,180	27,437
WA.....	1,042	1,148	970	10.10	8.30	7.90	10,524	9,528	7,863
WI.....	298	165	201	12.00	12.50	13.50	3,576	2,063	2,714
US.....	4,334	4,317	4,328	10.80	10.20	10.60	46,964	43,980	45,985
Spearmint:									
ID.....	170	187	252	14.40	14.10	14.00	2,448	2,637	3,528
IN.....	156	107	140	13.80	13.10	11.00	2,153	1,402	1,540
MI.....	125	92	87	13.60	12.10	11.00	1,700	1,113	957
OR.....	112	154	158	14.50	14.00	14.00	1,624	2,156	2,142
WA.....	1,254	1,605	1,859	11.70	10.80	9.60	14,672	17,334	17,946
WI.....	202	172	167	13.90	14.50	14.00	2,808	2,442	2,338
US.....	2,019	2,317	2,658	12.60	11.70	10.70	25,405	27,084	28,351

¹ Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 175

¹ For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.² Preliminary.³ Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.⁴ Includes quantities exported to countries not shown.⁵ Total may not add due to rounding.⁶ Includes 236,138 metric tons, 133,430 metric tons and 133,663 metric tons transhipped via Canada to unidentified countries in 1983/84, 1984/85 and 1985/86 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 184.—Olive Oil: ¹ Production in specified countries and the world, 1983-86

Country	1983	1984	1985	1986 ²	Country	1983	1984	1985	1986 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France.....	2	3	2	2	Algeria.....	16	13	12	12
Greece.....	324	230	185	340	Morocco.....	23	28	27	28
Italy.....	430	824	343	641	Tunisia.....	65	150	105	105
Portugal.....	79	9	47	33	Libya.....	7	8	7	7
Spain.....	666	258	609	397	Total.....	101	199	151	152
Yugoslavia.....	1	3	2	2					
Total.....	1,502	1,327	1,268	1,415	Argentina	16	13	16	16
Middle East:					Other countries.....	4	4	4	4
Israel.....	3	4	5	4	World total.....	1,908	1,644	1,600	1,609
Jordan.....	7	10	4	7					
Syria.....	97	31	63	32					
Lebanon.....	8	15	9	9					
Turkey.....	170	40	80	60					
Total.....	285	100	161	112					

¹ Production in marketing year beginning Nov. 1; excludes residue oil.² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 185.—Margarine, actual weight: Supply and disposition, United States, 1972-86

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports ¹	Domestic disappearance	
					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1972.....	2,364	57	2,421	13	2,339	11.1
1973.....	2,350	69	2,428	13	2,354	11.1
1974.....	2,396	61	2,459	15	2,380	11.1
1975.....	2,399	64	2,463	5	2,398	11.1
1976.....	2,528	60	2,688	6	2,615	12.0
1977.....	2,535	67	2,602	7	2,515	11.4
1978.....	2,530	80	2,600	7	2,528	11.3
1979.....	2,553	70	2,623	7	2,535	11.3
1980.....	2,593	81	2,674	8	2,592	11.4
1981.....	2,577	74	2,651	17	2,573	11.2
1982.....	2,596	61	2,657	18	2,582	11.2
1983.....	2,451	62	2,513	12	2,446	10.3
1984.....	2,481	55	2,536	9	2,472	10.2
1985.....	2,603	55	2,658	9	2,588	10.6
1986 ²	2,780	61	2,850	8	2,761	11.2

¹ Includes shipments prior to 1975. ² Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.

Table 186.—Margarine: Selected reported fat¹ and oils used in manufacture, United States, 1972-86

Year	Vegetable oils			Animal fats ¹	Total ²
	Soybean oil	Cottonseed oil	Corn oil		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972	1,461	65	194	138	1,885
1973	1,491	63	213	80	1,889
1974	1,487	56	188	167	1,905
1975	1,568	46	188	52	1,917
1976	1,671	51	218	44	2,091
1977	1,585	44	243	80	2,026
1978	1,593	42	211	74	1,997
1979	1,643	25	222	96	1,965
1980	1,653	25	223	194	2,016
1981	1,685	25	214	78	2,012
1982	1,718	21	220	29	1,997
1983	1,549	34	212	41	1,850
1984	1,544	26	196	24	1,842
1985	1,618	8	208	65	1,946
1986	1,746		217	48	2,046

¹ Lard and edible tallow.² Includes small quantities of nuts, coconut, palm, and sunflower oil.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 187.—Shortening: Supply and disposition, United States, 1972-86

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1972	128	3,731	3,859	24	3,708	17.1
1973	127	3,636	3,763	25	3,623	17.1
1974	115	3,703	3,818	53	3,631	16.9
1975	134	3,713	3,847	43	3,722	17.0
1976	125	3,929	4,054	51	3,926	17.8
1977	128	3,841	3,969	46	3,856	17.3
1978	113	4,015	4,128	34	4,021	17.9
1979	107	4,206	4,313	41	4,181	18.4
1980	132	4,178	4,310	40	4,179	18.2
1981	131	4,291	4,422	49	4,302	18.5
1982	120	4,379	4,499	45	4,366	18.6
1983	133	4,363	4,496	31	4,365	18.5
1984	131	5,068	5,199	30	5,070	21.3
1985	129	5,505	5,634	30	5,477	22.5
1986 ¹	127	5,383	5,510	36	5,337	21.7

¹ Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 188.—Shortening: Fats and oils used in manufacture, United States, 1972-86

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils ¹
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Edible tallow	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	168	2,043	77	(²)	(²)	205	30	441	610	4,091
1973.....	199	2,268	86	(²)	(²)	184	29	341	536	3,696
1974.....	194	2,177	61	(²)	(²)	270	35	317	637	3,725
1975.....	154	2,025	106	(²)	(²)	694	69	166	662	3,728
1976.....	128	2,322	128	(²)	(²)	532	8	156	622	3,938
1977.....	160	2,279	78	(²)	(²)	371	9	185	748	3,855
1978.....	189	2,480	75	(²)	(²)	266	4	220	808	4,059
1979.....	169	2,680	93	(²)	(²)	222	3	316	713	4,213
1980.....	189	2,651	103	(²)	(²)	88	(²)	378	673	4,300
1981.....	136	2,767	125	(²)	(²)	217	(²)	315	724	4,304
1982.....	158	2,948	139	(²)	(²)	190	(²)	251	679	4,391
1983.....	139	2,914	153	(²)	(²)	213	(²)	277	632	4,365
1984.....	151	3,465	(²)	(²)	(²)	216	(²)	264	821	5,142
1985.....	180	3,579	(²)	(²)	(²)	230	(²)	288	1,026	5,558
1986 ⁴	175	3,398	(²)	(²)	(²)	380	(²)	327	966	5,445

¹ Includes small quantities of corn, peanut, safflower, and sunflower oil.² Not included to avoid disclosure.³ Not available.⁴ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 189.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1972-86

Year	Supply					Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Use in feed	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1972.....	380	4,834	2	5,216	2,349	2,762	640	1,111	6.0
1973.....	341	5,237	10	5,588	2,297	2,540	566	955	12.4
1974.....	356	5,527	12	5,895	2,620	3,029	632	1,148	15.3
1975.....	380	4,655	15	5,050	2,009	2,906	662	1,283	12.0
1976.....	277	5,675	9	5,961	2,331	3,367	764	1,464	13.2
1977.....	355	6,106	4	6,465	2,885	3,180	737	1,330	13.6
1978.....	344	5,815	3	6,162	2,698	3,220	695	1,390	16.0
1979.....	347	5,836		6,183	2,795	3,117	663	1,239	18.8
1980.....	390	5,916		6,306	3,254	2,979	666	1,246	14.3
1981.....	413	6,124		6,537	3,134	2,965	529	1,323	15.3
1982.....	451	6,026		6,477	3,035	2,896	545	1,418	12.8
1983.....	368	6,129		6,497	2,921	2,813	574	1,397	13.4
1984.....	376	5,881		6,257	2,735	2,941	623	1,346	14.5
1985.....	368	5,827		6,196	2,737	2,782	535	1,363	14.3
1986.....	362	5,543		5,905	2,562	2,917	482	1,604	9.0

Economic Research Service.

Table 190.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1983-84/1986-87

Commodity	World production ¹			
	1983-84	1984-85	1985-86	1986-87 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Edible vegetable oils:				
Cottonseed	3,083	3,889	3,487	3,091
Peanut	2,955	3,066	3,120	3,043
Soybean	12,766	13,287	13,586	14,318
Sunflower	5,453	6,171	6,570	6,503
Rapeseed	4,856	5,607	6,158	6,745
Olive ³	1,644	1,600	1,699	1,492
Total	30,757	33,620	34,620	35,192
Palm oils:				
Coconut	2,263	2,622	3,283	3,044
Palm kernel	796	948	1,118	1,075
Palm	6,290	6,886	8,130	7,872
Total	9,349	10,456	12,531	11,991
Industrial oils:				
Linseed	724	694	642	701
Total	724	694	642	701
Animal fats:				
Butter (fat content)	5,416	5,405	5,497	5,337
Tallow and grease	6,412	6,509	6,403	6,348
Total	11,828	11,914	11,900	11,685
Marine oils:				
Fish	1,482	1,384	1,456	1,429
Total	1,482	1,384	1,456	1,429
Total, all commodities	54,140	58,068	61,149	60,998

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

² Preliminary.

³ Excludes olive residue oil.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 191.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1972-86

Year beginning January	Lard	Inedible animal tallow, greases, and oils ¹	Oilseeds and nuts				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	74,565	1,148,787	3,089	268,168	15,406	181,055	11,995,712
1973.....	51,414	1,103,416	11,952	10,627	11,018	183,393	13,220,591
1974.....	73,204	1,291,210	44,277	9,296	24,060	240,307	13,939,781
1975.....	39,791	955,827	6,770	27,138	11,907	235,059	12,496,246
1976.....	81,900	1,157,950	64,810	10,401	7,393	128,931	15,332,100
1977.....	82,568	1,401,721	14,727	23,812	14,778	299,331	16,195,496
1978.....	54,237	1,228,256	42,908	2,392	40,117	354,736	20,704,536
1979.....	48,557	1,286,915	7,473	3,590	38,053	347,699	20,890,129
1980.....	41,914	1,515,948	189,057	3,912	24,558	297,679	21,778,536
1981.....	67,901	1,488,304	25,479	594	21,337	140,963	21,880,405
1982.....	46,709	1,413,331	37,563	15,047	28,442	193,889	25,474,898
1983.....	40,195	1,386,778	1,902	2,848	25,500	215,726	22,704,181
1984.....	40,358	1,267,681	55,141	6,365	25,119	259,541	19,482,717
1985.....	47,414	1,280,665	45,792	2,433	34,748	298,975	16,889,203
1986 ²	47,387	1,191,606	10,896	39,275	30,070	276,079	21,374,193

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil ³	Linseed oil	Margarine	Peanut oil	Soybean oil ³	Soybean	Other
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973.....	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974.....	834	2,754	276,673	52,940	1,884	30,786	762,094	4,909,653	241,131
1975.....	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,761	165,672
1976.....	445	19,890	236,238	9,477	2,893	47,821	510,007	4,862,126	179,298
1977.....	1,130	7,342	331,758	11,670	3,063	45,065	773,791	4,133,659	159,011
1978.....	240	5,290	330,765	24,687	3,430	40,339	925,232	5,914,130	338,377
1979.....	233	4,396	287,130	11,379	3,367	4,570	1,129,334	6,067,713	354,375
1980.....	441	4,863	355,276	24,846	3,647	18,102	1,096,080	7,063,969	373,002
1981.....	592	11,362	318,568	31,301	7,509	19,752	818,730	5,344,614	466,625
1982.....	999	10,337	387,525	9,943	6,007	9,596	932,857	6,220,742	224,235
1983.....	537	8,409	194,797	6,905	5,128	2,087	785,690	6,488,317	251,802
1984.....	1,447	16,634	171,299	22,847	4,200	6,685	1,006,517	4,400,371	136,095
1985.....	1,167	9,607	191,377	6,262	4,139	16,543	596,796	4,716,894	104,449
1986 ²	851	10,004	178,919	4,095	3,811	32,225	540,447	5,978,509	54,480

¹ Includes edible and inedible tallow, choice white grease, wool grease, yellow grease, edible and inedible oleo and oleo stearine, and animal oils, fats and oils, n.e.c.

² Preliminary.

³ Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 192.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1972-86

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled ¹	Poppy seed
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	5	208,980	11	825	448	3,511
1973.....	4	198,566	134	17	206	2,451
1974.....	4	26,628	13,123	70	175	1,856
1975.....	5	0	3,497	10	241	7,002
1976.....	2	0	32,921	210	69	2,539
1977.....	0	2	38,216	199	49	4,172
1978.....	0	4	28,408	168	64	2,685
1979.....	3	419	54,325	168	47	2,364
1980.....	3	0	30,908	362	80	2,661
1981.....	0	0	118,063	1,389	137,834	2,842
1982.....	2	52	50,919	100	903	3,314
1983.....	0	0	87,491	398	1,080	3,101
1984.....	1	0	76,179	31	972	4,546
1985.....	0	0	125,564	171	162	3,560
1986 ²	34	0	60,433	621	1,049	4,789

Year beginning January	Oilseeds—continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	524	21,419	61	20,980	44,240	307,073	1
1973.....	15	23,952	310	15,198	45,962	326,703	155
1974.....	69	25,973	34	16,688	55,665	245,969	17
1975.....	4,625	20,248	41	15,515	31,130	394,207	39
1976.....	2,412	28,649	54	23,083	53,613	552,007	3
1977.....	205	28,357	105	17,730	50,452	456,639	19
1978.....	415	32,000	69	24,638	51,947	463,803	15
1979.....	509	32,099	269	30,839	48,676	444,432	9
1980.....	266	31,571	5,000	34,658	42,732	403,388	7
1981.....	265	37,954	8,498	43,197	40,389	470,330	14
1982.....	421	35,213	6,439	37,326	29,347	403,596	4
1983.....	535	42,789	2,505	47,961	33,680	449,389	3
1984.....	1,047	36,759	10,948	51,712	35,476	377,924	43
1985.....	611	37,334	4,109	70,147	37,189	450,199	11
1986 ²	799	36,316	17,897	70,264	37,664	548,317	357

Year beginning January	Vegetable oils—continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	30,594	195,551	45,823	10	5,172	9,797	15,040
1973.....	27,296	175,994	45,681	14	6,334	9,886	22,423
1974.....	24,364	186,636	66,129	504	7,696	9,542	18,779
1975.....	21,634	436,338	73,176	323	2,624	13,637	4,302
1976.....	28,303	351,889	63,425	528	5,511	15,653	35,232
1977.....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978.....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979.....	27,906	141,599	76,151	24	6,381	9,089	25,263
1980.....	25,533	115,891	83,294	30	6,422	7,366	26,420
1981.....	27,739	121,893	69,268	38	6,296	6,819	52,671
1982.....	29,235	113,403	95,638	72	6,891	6,531	66,136
1983.....	33,113	149,114	106,547	1,757	5,346	6,185	102,390
1984.....	41,147	147,706	91,683	929	5,259	6,318	116,155
1985.....	43,959	225,410	128,310	405	15,332	6,939	156,386
1986 ²	54,010	279,597	195,963	1,090	55,293	5,571	152,498

¹ Includes blanched or roasted peanuts.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 193.—Inedible animal tallow, greases, and oils: ¹ United States exports by region and country of destination, 1984-86

Continent and country	1984	1985	1986 ²	Continent and country	1984	1985	1986 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America:				Soviet Union	55,545	80,107	49,901
Canada	3,137	2,463	4,174	Africa:			
Dominican Republic	14,862	18,626	20,960	Algeria	34,620	18,763	14,493
El Salvador	36,669	34,798	41,742	Cameroon	2,094	0	1,501
Guatemala	23,821	24,277	28,665	Ghana	2,520	0	0
Haiti	20,563	15,923	14,015	Kenya	3,279	1,012	999
Honduras	3,780	6,687	11,621	Madagascar	0	0	0
Jamaica	9,262	9,247	10,274	Morocco	3,442	8,577	6,861
Mexico	104,155	108,435	96,738	Nigeria	38,290	37,178	17,439
Nicaragua	8,173	3,785	0	Senegal	2,193	689	11,840
Trinidad and Tobago	2,938	3,024	2,631	Egypt	242,678	209,801	142,786
Other countries	5,549	10,436	6,338	South Africa	10,058	15,628	12,223
Total	232,909	237,611	236,830	Ivory Coast	0	0	0
				Other countries	18,046	15,283	15,382
South America:				Total	357,220	306,931	223,524
Argentina	686	333	692	Asia:			
Brazil	17,048	4,289	62,601	Bangladesh	0	0	0
Chile	5,792	3,062	1,981	Iran	0	0	0
Colombia	55,503	53,729	52,426	China	0	0	9,528
Ecuador	12,582	3,315	6,149	Taiwan	19,447	30,402	21,311
Peru	2,688	2,271	4,557	India	5	64	375
Venezuela	27,608	28,022	36,421	Japan	40,959	38,900	37,805
Other countries	485	506	551	Korea, Rep. of	83,773	82,755	70,615
Total	122,392	95,527	165,373	Lebanon	1,543	4,827	0
				Pakistan	99,104	90,373	69,335
Europe:				Philippines	4,635	5,877	4,568
Belgium and Luxembourg	11,120	9,800	11,108	Singapore	668	43	45
France	5,822	4,155	1,084	Turkey (Europe and Asia)	23,759	29,805	30,086
Germany, Fed. Rep. of	22,168	27,053	9,859	Thailand	25	0	31
Italy	0	8,675	9,835	Other countries	2,246	9,204	11,004
Netherlands	81,761	101,028	73,234	Total	276,164	292,171	249,703
United Kingdom	19,826	25,038	8,693	Oceania:			
Greece	29	73	122		45	51	46
Norway	520	515	532	Grand total ³	1,241,692	1,254,889	1,163,144
Portugal	16,926	10,944	9,247				
Spain	36,734	54,517	111,883				
Switzerland	1,199	385	7				
Poland	1,310	148	30				
Other countries	1,962	7	2,103				
Total	197,417	242,492	237,697				

¹ Includes inedible tallow and choice white grease; yellow grease; inedible oleo, and oleo stearin; and animal fats, oils, and greases, n.e.c.

² Preliminary.

³ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census, U.S. Department of Commerce.

Table 194.—Fats and Oils: Use in products for civilian consumption, total and per capita, United States, 1972-86

Calendar year	Food products ¹													
	Butter (actual weight)		Lard (direct use)		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils		Other edible use		All food products (fat content)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1972.....	1,017	4.9	787	3.7	2,339	11.1	3,699	17.6	3,530	16.8	493	2.3	11,212	53.4
1973.....	999	4.8	705	3.3	2,354	11.1	3,613	17.1	3,747	17.7	546	2.6	11,390	53.3
1974.....	956	4.5	661	3.2	2,380	11.1	3,623	16.9	3,861	18.1	372	1.7	11,213	52.4
1975.....	1,012	4.7	615	2.8	2,398	11.1	3,679	17.0	3,840	17.8	428	2.0	11,290	52.3
1976.....	994	4.3	598	2.6	2,615	12.0	3,875	17.8	4,243	19.5	445	2.0	11,970	54.9
1977.....	941	4.3	495	2.2	2,515	11.4	3,810	17.3	4,207	19.1	422	1.9	11,698	53.1
1978.....	966	4.4	478	2.2	2,513	11.3	3,987	17.9	4,464	20.1	453	2.0	12,173	54.7
1979.....	1,005	4.5	569	2.5	2,535	11.3	4,156	18.4	4,690	20.8	377	1.7	12,711	56.4
1980.....	1,012	4.5	588	2.6	2,592	11.4	4,150	18.2	4,837	21.1	343	1.5	13,043	57.2
1981.....	970	4.3	673	2.5	2,573	11.2	4,262	18.5	5,008	21.8	320	1.4	13,233	57.5
1982.....	991	4.3	586	2.5	2,582	11.1	4,332	18.6	5,080	21.8	374	1.6	13,581	58.4
1983.....	1,134	4.9	437	2.1	2,446	10.4	4,345	18.5	5,624	23.5	365	1.6	14,097	60.0
1984.....	1,946	4.8	491	2.1	2,472	10.4	5,040	21.2	4,693	19.8	404	1.6	13,936	58.8
1985.....	1,157	4.8	425	1.8	2,588	10.7	5,477	23.0	5,614	23.6	375	1.6	15,345	64.4
1986 ²	1,107	4.6	417	1.7	2,761	16.2	5,328	21.7	5,831	23.7	404	1.6	15,506	63.0

Calendar year	Industrial products									
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products ³	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1972.....	820	3.9	1,988	9.5	1,111	5.3	698	3.3	5,335	25.4
1973.....	846	4.0	2,130	10.1	1,077	5.1	707	3.3	5,492	25.9
1974.....	793	3.7	2,109	9.9	1,149	5.4	757	3.5	5,452	25.5
1975.....	822	3.8	1,662	7.7	1,283	5.9	591	2.7	4,914	22.8
1976.....	957	4.4	1,907	8.7	1,464	6.7	640	2.9	5,700	26.1
1977.....	936	4.3	1,907	8.7	1,492	6.8	695	3.2	5,708	25.9
1978.....	862	3.9	2,109	9.5	1,518	6.8	723	3.3	5,903	26.5
1979.....	862	3.8	2,320	10.3	1,316	5.8	723	3.2	5,758	25.6
1980.....	848	3.7	2,154	9.5	1,337	5.9	678	3.0	5,505	24.2
1981.....	796	3.5	2,173	9.5	1,391	6.1	720	3.1	5,468	23.8
1982.....	748	3.2	1,936	8.3	1,474	6.4	610	2.6	5,129	22.1
1983.....	811	3.5	1,862	8.0	1,478	6.3	611	2.6	5,181	22.2
1984.....	1,015	4.3	2,028	8.5	1,443	6.1	635	2.6	5,570	23.5
1985.....	754	3.1	1,911	8.0	1,495	6.2	453	1.9	5,100	21.3
1986 ²	761	3.2	2,003	8.4	1,745	7.3	344	1.4	5,392	22.6

¹ Domestic disappearance data are computed by ERS.² Preliminary.³ Including paint, varnish, resin, plastic, and lubricants.⁴ Including only fat content of butter and margarine.

Economic Research Service.

Table 195.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1972-86

[1967=100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin			Classified by use							
			Animal	Vegetable		Edible			Industrial				
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1972	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973	308.2	168.9	167.8	171.4	186.8	97.1	253.3	178.8	150.3	229.4	168.2	307.5	220.1
1974	322.8	238.5	203.2	294.6	386.8	99.6	365.7	296.0	204.2	340.5	322.2	322.9	333.5
1975	282.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	291.1	298.0
1979	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3
1980	292.9	265.1	225.5	166.4	269.5	209.6	265.2	182.8	187.4	306.8	200.3	(¹)	287.1
1981	314.3	282.7	257.6	144.8	226.2	222.1	287.3	153.1	205.3	311.9	187.8	(¹)	291.2
1982	302.6	273.2	253.8	131.8	194.0	221.7	305.4	133.1	201.8	286.3	171.3	(¹)	286.9
1983	319.0	285.4	265.8	151.5	241.1	221.1	316.0	171.0	224.0	292.9	177.3	(¹)	271.5
1984	350.46	219.1	278.7	132.5	373.0	214.5	395.4	229.0	221.5	380.2	206.6	(¹)	343.6
1985	254.67	199.6	212.5	173.0	232.4	(¹)	380.5	180.4	159.0	298.7	191.7	(¹)	279.3
1986	213.94	168.5	180.0	113.7	(¹)	(¹)	308.4	111.9	134.2	247.3	147.5	(¹)	231.0

¹ Series discontinued.

Economic Research Service.

Table 196.—Fats and oils: Wholesale price per pound, 1982-86

Item and market	1982	1983	1984	1985	1986 ¹
	Cents	Cents	Cents	Cents	Cents
Castor oil, No. 1, Brazilian, tanks, imported, New York	44.8	59.3	72.7	46.7	33.1
Coconut oil, crude, tanks, f.o.b. New York	24.7	34.8	60.2	33.1	16.2
Corn oil, crude, tank cars, f.o.b. Decatur	23.8	24.7	29.8	26.3	18.5
Cottonseed oil, crude, tank cars, f.o.b. Valley ²	39.8	21.8	32.8	29.2	17.6
Linseed oil, raw, tank cars, Minneapolis	27.0	26.7	32.1	32.5	27.8
Margarine, yellow quarters, f.o.b. Chicago	38.4	39.5	45.6	47.3	35.4
Palm oil, U.S. ports, refined	20.8	24.6	33.3	27.2	14.4
Rapeseed oil, refined (denatured), tanks, New York	56.0	55.3	55.3	61.0	60.2
Safflower oil, tanks, New York	72.5	72.5	70.1	51.7	48.3
Soybean oil, crude, tank cars, f.o.b. Decatur ²	19.0	20.6	30.6	29.5	12.0
Sunflower oil, crude, Minneapolis ²	24.1	24.5	33.6	39.0	19.1
Tallow, inedible, number delivered Chicago	12.8	13.5	14.5	14.3	9.0
Tung oil, imported, drums, f.o.b. New York	64.6	98.4	119.9	63.7	39.4

¹ Preliminary.² Soybean, cottonseed, and sunflower seed oil prices on October 1985-September 1986 year.

Economic Research Service. Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 5 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower, which was combined with fresh market production during the year, is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1972. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984.

Seasonal Groups and Marketing Period

Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 10 principal vegetables and melon crops in the major producing States. Earlier years include the following additional crops: artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peas, green peppers, spinach, and watermelon. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

Table 197.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1972–86

Year	Area ¹			Production ⁴			Value ⁵		
	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1972.....	1,648,110	1,584,490	3,232,600	11,578,050	10,241,800	21,819,850	1,607,022	466,633	2,073,655
1973.....	1,636,610	1,727,010	3,363,620	11,907,200	10,661,850	22,569,050	1,567,859	550,632	2,408,491
1974.....	1,557,570	1,775,810	3,333,380	12,016,750	11,794,050	23,810,800	1,885,149	929,785	2,514,934
1975.....	1,542,110	1,874,490	3,416,590	11,993,700	13,533,250	25,526,950	2,159,168	1,036,635	3,195,803
1976.....	1,577,350	1,624,640	3,201,990	12,509,950	11,048,850	23,558,800	2,260,078	786,606	3,046,684
1977.....	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978.....	1,643,650	1,611,960	3,255,610	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979.....	1,645,520	1,652,480	3,298,000	13,480,750	12,576,010	26,056,760	2,931,404	1,030,239	4,011,643
1980.....	1,617,770	1,427,130	3,044,900	13,339,650	10,806,620	24,146,270	3,193,362	864,449	4,057,811
1981.....	1,617,950	1,353,540	2,971,490	13,858,450	10,416,530	24,274,980	3,700,690	904,896	4,605,586
1982 ⁶	839,350	1,250,440	2,189,790	10,360,200	11,179,590	21,539,790	2,643,406	909,738	3,553,146
1983 ⁷	937,850	1,197,350	2,135,200	9,895,950	10,270,050	20,166,000	2,854,596	800,800	3,655,396
1984 ⁸	1,076,330	1,369,760	2,446,090	10,856,600	12,013,020	22,869,620	3,117,073	1,015,042	4,132,115
1985 ⁹	1,075,440	1,391,780	2,467,220	10,896,600	11,791,860	22,688,460	2,944,906	1,023,933	3,968,839
1986 ⁹	1,052,940	1,238,330	2,291,270	10,686,200	11,585,630	22,271,830	3,195,195	924,973	4,120,168

¹ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

² Area, production, and farm value of the following 22 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, Brussels sprouts, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

³ Area, production, and farm value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

⁴ Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

⁵ Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

⁶ Beginning with crop year 1982, acreage, yield, production, price and value estimates have been discontinued for the following crops—fresh market vegetables: Artichokes, asparagus, snap beans, Brussels sprouts, cabbage, cantaloupes, cucumbers, eggplant, escarole/endive, garlic, green peppers, spinach, and watermelons; processing vegetables: Lima beans, beets, cabbage (sauerkraut), cucumbers (pickles), spinach, and asparagus. Estimates for these crops are not in *Agricultural Statistics*.

⁷ Due to program modification, 1983 data are not comparable with 1982 and earlier or 1984 and later for fresh market vegetables.

⁸ Estimates for asparagus and cucumbers for pickles reinstated with the 1984 crop.

⁹ Preliminary.

National Agricultural Statistics Service.

Table 198.—Vegetables, commercial: Area of principal crops, by States, 1984-86¹

State	For fresh market ²			For processing ³			Total		
	1984	1985	1986 ⁴	1984	1985	1986 ⁴	1984	1985	1986 ⁴
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	8,100	7,850	7,900	2,000	1,220	2,470	10,100	9,070	10,270
AZ.....	50,500	57,900	54,000				50,500	57,900	54,000
AR.....	1,900	1,700	1,600	3,100	3,400	2,850	5,000	5,100	4,450
CA.....	481,700	479,700	480,400	255,100	233,400	222,400	736,800	713,100	702,800
CO.....	19,400	20,400	17,900	3,190	3,460	2,150	22,590	23,860	20,050
CT.....	4,500	4,900	4,600				4,500	4,900	4,600
DE.....				21,720	22,800	19,680	21,720	22,800	19,680
FL.....	135,700	131,500	134,500	8,600	7,300	5,870	144,300	138,800	140,370
GA.....	2,800	3,100	2,700	2,600	3,000	2,450	5,400	6,100	5,150
HI.....	1,010	950	870				1,010	950	870
ID.....	4,600	6,800	7,000	27,930	28,440	26,530	32,530	35,240	33,630
IL.....	5,200	5,200	5,100	61,300	57,200	44,200	66,500	62,400	49,300
IN.....	3,000	2,600	2,600	15,780	12,600	10,400	18,780	15,200	12,900
IA.....				5,620	5,300	4,100	5,620	5,300	4,100
LA.....	340	360	380				340	360	380
ME.....				19,500	19,400	16,200	22,050	22,050	18,780
MD.....	2,530	2,650	2,580	600	550	480	9,360	9,120	9,470
MA.....	8,760	8,570	8,990						
MI.....	57,500	54,500	49,100	48,700	53,300	50,300	106,200	107,800	99,400
MN.....	3,250	4,170	3,850	194,650	206,100	202,000	197,900	210,270	205,850
MO.....									
NJ.....	24,300	25,100	23,800	14,600	15,760	10,650	38,900	40,860	34,450
NM.....	7,200	7,700	7,400				7,200	7,700	7,400
NY.....	63,950	54,010	47,770	71,810	76,880	62,530	125,760	130,890	110,300
NC.....	6,500	6,800	6,100	27,570	31,080	25,740	34,070	37,880	31,840
OH.....	18,990	20,940	20,760	20,700	20,960	19,560	39,690	41,900	40,320
OK.....									
OR.....	23,400	23,700	22,900	101,500	99,300	88,300	124,900	123,000	111,200
PA.....	20,400	19,600	20,900	13,500	13,500	12,800	33,900	33,100	33,700
SC.....	4,700	4,200	4,000	9,450	13,830	13,630	14,150	18,030	17,630
TN.....	4,200	4,500	5,000	5,300	5,000	5,300	9,500	9,500	10,300
TX.....	63,700	59,500	52,800	13,500	10,600	10,600	77,200	70,100	63,400
UT.....	2,200	1,600	1,400	2,250	2,400	1,230	4,450	4,000	2,630
VA.....	5,800	5,400	5,300	3,200	2,700	910	9,000	8,100	6,210
WA.....	42,700	44,200	45,900	99,900	105,600	85,400	142,600	147,800	131,300
WV.....									
WI.....	7,500	5,340	5,040	300,600	322,000	278,100	308,100	327,340	283,140
Other States ⁵				15,490	16,700	11,400	15,490	16,700	11,400
US.....	1,076,330	1,075,440	1,052,940	1,369,760	1,391,780	1,238,330	2,446,090	2,467,220	2,291,270

¹ Area for fresh market is area for harvest. Area for processing is area harvested.² Area of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.³ Preliminary.⁴ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates.⁵ 1984-85—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, South Dakota, and West Virginia. 1986—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, and South Dakota.

National Agricultural Statistics Service.

Table 199.—Vegetables, commercial: Production of principal crops, by States, 1984-86

State	For fresh market ¹			For processing ²			Total		
	1984	1985	1986 ³	1984	1985	1986 ³	1984	1985	1986 ³
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
AL.....	26,750	27,250	29,000	2,800	3,180	3,960	29,550	30,430	32,960
AZ.....	634,200	717,650	656,600				634,200	717,650	656,600
AR.....	9,000	17,000	20,000	4,370	7,530	4,810	13,370	24,530	24,810
CA.....	5,581,950	5,398,200	5,422,950	6,675,410	6,209,440	6,564,120	12,257,360	11,607,640	11,987,070
CO.....	304,000	352,400	308,600	32,700	36,360	25,390	336,700	388,760	333,990
CT.....	13,050	15,700	17,950				13,050	15,700	17,950
DE.....				72,270	77,350	58,540	72,270	77,350	58,540
FL.....	1,980,200	1,278,400	1,345,850	41,700	41,400	39,140	1,310,900	1,319,800	1,384,490
GA.....	12,600	13,950	13,500	9,580	10,200	6,900	22,180	24,150	20,400
HI.....	8,950	8,600	7,800				8,950	8,600	7,800
ID.....	116,150	187,000	185,500	150,310	165,100	174,140	275,460	352,100	359,640
IL.....	17,250	16,300	16,650	285,120	299,900	218,590	302,370	316,200	235,240
IN.....	7,650	7,900	8,750	202,780	169,160	159,440	210,430	177,060	168,190
IA.....				34,030	38,780	37,590	34,030	38,780	37,590
LA.....	1,450	1,550	1,900				1,450	1,550	1,900
ME.....									
MD.....	14,500	20,100	24,150	138,280	135,450	93,970	152,780	155,550	118,120
MA.....	43,250	45,350	45,850	7,800	7,300	8,500	51,050	52,650	54,350
MI.....	416,250	361,950	256,500	343,200	359,880	326,320	759,450	721,830	582,820
MN.....	29,650	33,200	35,200	790,170	836,700	851,570	819,820	869,900	886,770
MO.....									
NJ.....	128,200	143,250	124,150	113,940	131,190	76,290	242,140	274,440	200,440
NM.....	96,950	105,950	122,900				96,950	105,950	122,900
NY.....	393,350	412,400	361,800	278,280	266,590	233,060	671,740	679,260	594,860
NC.....	26,750	29,750	22,850	93,590	104,840	82,000	120,330	134,590	104,850
OH.....	112,500	141,950	145,500	445,850	466,260	441,060	558,350	608,210	586,560
OK.....									
OR.....	430,200	423,750	371,100	568,470	548,260	517,960	998,670	972,010	889,060
PA.....	96,300	90,950	69,950	98,470	90,150	73,650	189,770	181,100	143,600
SC.....	56,400	57,750	60,000	36,050	49,620	47,600	92,450	107,370	107,600
TN.....	42,000	63,000	52,500	11,340	11,250	7,580	53,340	74,250	60,080
TX.....	491,900	444,500	494,000	80,310	60,830	59,940	572,210	505,330	553,940
UT.....	34,650	36,000	23,450	8,150	10,390	5,330	42,800	46,390	28,780
VA.....	44,600	43,350	37,300	18,180	28,740	5,320	62,780	72,090	42,620
WA.....	272,250	289,950	303,200	375,700	446,610	368,240	647,950	738,560	671,440
WV.....									
WI.....	134,700	111,550	101,750	1,062,650	1,140,510	1,071,760	1,197,350	1,252,060	1,173,510
Other States ⁴				27,420	38,620	25,360	27,420	38,620	25,360
US.....	10,856,600	10,896,600	10,686,200	12,013,020	11,791,860	11,585,630	22,869,620	22,688,460	22,271,830

¹ Production of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

² Preliminary.

³ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates.

⁴ 1984-85—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, South Dakota, and West Virginia. 1986—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, and South Dakota.

National Agricultural Statistics Service.

Table 200.—Vegetables, commercial: Value of principal crops, by States, 1984-86

State	For fresh market ¹			For processing ²			Total		
	1984	1985	1986 ³	1984	1985	1986 ³	1984	1985	1986 ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	16,900	11,290	7,970	557	698	815	17,457	11,988	8,785
AZ.....	144,422	147,239	169,801				144,422	147,239	169,801
AR.....	5,470	7,990	8,960	769	1,201	784	6,239	9,291	9,744
CA.....	1,558,946	1,462,655	1,554,407	447,544	413,540	420,408	2,006,390	1,876,175	1,974,815
CO.....	64,969	47,830	53,327	3,574	3,765	2,755	68,543	51,595	56,582
CT.....	3,758	4,490	6,283				3,758	4,490	6,283
DE.....				9,783	11,269	7,599	9,783	11,269	7,599
FL.....	587,314	562,540	654,743	8,768	8,310	7,923	546,082	570,850	662,666
GA.....	6,300	5,050	5,319	1,647	1,939	1,253	7,947	6,989	6,572
HI.....	5,561	5,477	5,252				5,561	5,477	5,252
ID.....	20,890	16,690	26,252	12,531	12,830	12,933	33,421	29,520	39,185
IL.....	4,171	4,227	3,943	27,777	27,076	16,861	31,948	31,303	20,804
IN.....	4,683	4,258	4,391	17,862	14,675	13,655	22,545	18,933	18,046
IA.....				2,470	2,889	2,598	2,470	2,889	2,598
LA.....	1,146	1,132	1,368				1,146	1,132	1,368
ME.....									
MD.....	5,084	7,690	7,920	14,552	13,591	9,245	19,636	21,281	17,165
MA.....	14,443	13,938	20,810	1,092	956	1,054	15,535	14,894	21,864
MI.....	94,223	81,429	71,776	39,192	43,547	37,722	133,415	124,976	109,498
MN.....	3,831	4,772	6,180	69,188	76,063	64,718	73,019	80,835	70,898
MO.....									
NJ.....	35,145	39,590	38,734	18,836	15,204	8,491	48,771	54,794	47,225
NM.....	21,505	24,679	26,665				21,505	24,679	26,665
NY.....	94,108	96,449	111,194	31,338	35,279	24,450	125,446	131,728	135,644
NC.....	7,841	7,636	6,316	15,782	20,571	15,958	23,623	28,207	22,269
OH.....	30,821	36,450	43,950	42,788	43,279	39,298	73,609	79,729	83,257
OK.....									
OR.....	78,157	51,371	61,980	62,936	59,593	55,904	141,093	110,964	117,884
PA.....	28,636	25,013	22,468	9,544	9,462	6,411	36,180	34,476	28,879
SC.....	23,124	18,480	19,800	7,017	9,407	8,822	30,141	27,887	28,622
TN.....	19,320	23,940	21,000	2,313	2,284	1,506	21,633	26,224	22,506
TX.....	171,506	127,797	121,513	10,225	11,708	10,526	181,731	139,505	132,039
UT.....	4,305	2,826	3,034	1,432	1,559	496	5,737	4,385	3,530
VA.....	21,239	15,372	18,934	1,921	2,685	514	23,160	18,057	19,448
WA.....	76,640	74,749	76,098	47,184	49,949	41,787	123,824	124,696	117,885
WV.....									
WI.....	14,715	11,877	14,298	107,098	122,256	105,624	121,813	134,135	119,922
Other States ⁴				4,532	8,146	4,866	4,534	8,146	4,866
US.....	3,117,073	2,944,906	3,195,195	1,015,042	1,023,933	924,973	4,132,115	3,968,839	4,120,168

¹ Value of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

² Preliminary.

³ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates.

⁴ 1984-85—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, South Dakota, and West Virginia. 1986—Arizona, Kentucky, Maine, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, and South Dakota.

National Agricultural Statistics Service.

Table 201.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1972-86

Year	Area harvested	Yield per acre	Production	Value ¹		Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total					Per ton	Total
	Acres	Tons	Tons	Dollars	1,000 dollars		Acres	Tons	Tons	Dollars	1,000 dollars
1972.....	255,440	2.40	613,400	100.00	61,538	1980.....	255,890	2.75	704,220	156.00	110,034
1973.....	292,180	2.54	741,650	103.00	76,241	1981.....	218,300	3.08	672,170	166.00	111,394
1974.....	291,080	2.57	748,350	157.00	117,654	1982.....	204,410	3.15	643,860	166.00	106,610
1975.....	273,580	2.43	665,200	153.00	102,096	1983.....	196,730	2.99	587,410	160.00	94,252
1976.....	237,170	2.49	590,700	139.00	81,395	1984.....	216,640	3.07	666,110	171.00	113,835
1977.....	257,640	2.62	675,450	145.00	96,170	1985.....	222,160	3.16	702,490	169.00	116,799
1978.....	280,350	2.56	716,600	146.00	104,630	1986 ²	190,560	3.20	609,400	160.00	97,262
1979.....	285,420	2.69	769,130	153.00	117,869						

¹ Price and value at processing plant door.² Preliminary.

National Agricultural Statistics Service.

Table 202.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1984-86

State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
AR.....	3,100	3,300	2,600	4,370	7,190	3,900	176.00	174.00	184.00
FL.....	2,500	1,200		3,750	1,800		300.00	300.00	
IN.....	2,800	3,200	1,000	8,620	8,160	4,290	190.00	175.00	169.00
MI.....	17,500	18,700	17,600	49,000	48,620	42,240	136.00	158.00	143.00
NJ.....	8,000	8,200		22,480	25,960		302.00	306.00	
NY.....	32,800	33,400	25,800	82,660	91,180	60,370	181.00	184.00	170.00
NC.....		1,700			2,810			234.00	
OR.....	23,900	23,200	22,300	128,340	124,820	138,710	176.00	174.00	174.00
PA.....	4,900	4,500	4,500	14,110	15,440	8,960	200.00	207.00	186.00
TN.....	5,300	5,000	5,300	11,340	11,250	7,580	204.00	203.00	199.00
WA.....	1,100	1,500	1,200	3,690	4,650	4,900	223.00	167.00	202.00
WI.....	77,600	85,800	77,800	235,130	248,820	247,400	152.00	152.00	143.00
Other States ²	37,140	32,260	31,860	102,620	111,770	91,050	194.00	164.00	174.00
Total.....	216,640	222,160	190,560	666,110	702,490	609,400	171.00	169.00	160.00

¹ Preliminary.² 1984—Alabama, California, Delaware, Georgia, Idaho, Illinois, Iowa, Maryland, Minnesota, Missouri, North Carolina, Oklahoma, South Carolina, Texas, Utah, and Virginia. 1985—Alabama, California, Delaware, Georgia, Idaho, Illinois, Iowa, Maryland, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Tennessee, Texas, Utah, and Virginia. 1986—Alabama, California, Delaware, Florida, Georgia, Idaho, Illinois, Maryland, Minnesota, Missouri, New Jersey, North Carolina, Ohio, Oklahoma, South Carolina, Texas, Utah, and Virginia.

National Agricultural Statistics Service.

Table 203.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1972-86¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ²	Value ³		Production	Value ³		Production	Value ⁴	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1972.....	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973.....	53,540	65	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,950
1974.....	49,400	80	3,983	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975.....	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976.....	52,900	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977.....	70,590	80	5,694	16.90	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978.....	68,300	79	5,399	18.10	97,519	2,647	21.70	57,530	137,500	293.00	40,289
1979.....	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	162,900	319.00	48,627
1980.....	77,850	87	6,753	21.40	144,613	3,795	22.50	89,327	147,900	374.00	55,284
1981.....	78,520	96	7,522	23.30	175,132	4,517	26.30	118,645	150,240	376.00	56,487
1982.....	92,000	96	8,819	23.90	211,086	5,414	26.70	144,637	170,220	390.00	66,449
1983 ⁵	91,500	91	8,326	25.20	210,105	5,582	28.20	157,281	137,220	385.00	52,824
1984.....	106,500	97	10,282	23.10	237,984	6,740	25.10	168,968	177,090	389.00	68,916
1985.....	109,500	97	10,627	22.50	239,345	7,154	24.20	173,053	173,660	382.00	66,292
1986 ⁶	108,900	98	10,722	21.20	227,242	8,168	22.10	180,122	127,680	369.00	47,120

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 22 in 1973.³ Price and value on f.o.b. basis.⁴ Price and value at processing plant door.⁵ Due to program modifications, 1983 data are not comparable with 1982 and earlier or 1984 and later data.⁶ Preliminary.

National Agricultural Statistics Service.

Table 204.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1984-86¹

State	Area			Production			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ.....	1,300	1,900	2,900	99	177	238	28.00	26.10	23.00
CA.....	95,700	97,700	96,400	9,440	9,575	9,640	22.40	22.50	20.90
OR.....	2,000	2,600	2,800	176	247	280	20.10	19.30	19.20
TX.....	7,500	7,300	6,900	567	628	564	34.70	23.40	25.80
US.....	106,500	109,500	108,900	10,282	10,627	10,722	23.10	22.50	21.20

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
AZ.....	99	177	238	28.00	26.10	23.00						
CA.....	6,146	6,415	7,400	23.90	24.00	21.60	164,700	158,000	112,000	394.00	388.00	375.00
Other States ³	495	562	530	38.70	25.80	27.90	12,390	15,660	15,680	325.00	319.00	327.00
US.....	6,740	7,154	8,168	25.10	24.20	22.10	177,090	173,660	127,680	389.00	382.00	369.00

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.² Preliminary.³ Includes Oregon and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

National Agricultural Statistics Service.

Table 205.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1984–86

State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ.....	2,900	2,400	2,400	377	396	396	14.90	9.45	10.90
CA:									
Desert.....	11,000	11,800	11,100	3,080	2,950	2,886	12.70	10.50	11.50
Other.....	30,100	28,100	29,100	8,931	8,009	8,876	11.70	10.60	12.20
CO.....	1,000	1,000	1,200	280	350	408	12.60	11.70	14.50
FL.....	10,600	11,500	12,300	731	1,058	849	14.60	10.30	13.00
MI.....	7,500	6,400	3,700	2,025	1,684	925	10.10	9.76	11.00
MN.....	1,200	1,200	1,200	429	456	480	5.75	6.45	6.80
NY.....	1,600	1,400	1,400	562	530	590	5.82	9.78	10.30
OR.....	1,200	1,100	1,000	516	528	460	6.11	5.50	7.23
TX.....	15,000	13,800	11,600	2,175	2,001	2,080	13.80	11.30	8.94
WA.....	4,300	5,200	5,900	1,828	2,262	2,407	5.99	4.96	5.12
WI.....	5,200	3,300	3,300	1,896	1,551	1,500	4.83	4.70	6.47
Other States ²	1,940	2,900	1,900	896	1,152	840	3.10	3.30	2.90
US.....	93,640	90,100	86,000	22,784	22,916	22,617	10.40	9.90	10.10

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
AZ.....	377	396	396	14.80	9.45	10.90						
CA.....	9,301	9,451	10,312	14.00	11.60	13.10	105,500	75,400	72,500	74.90	81.80	90.00
CO.....	280	350	408	12.60	11.70	14.50						
FL.....	731	1,058	849	14.60	10.30	13.00						
MI.....	1,425	1,110	572	13.20	13.20	16.10	30,000	27,710	17,640	51.70	57.80	52.40
MN.....	151	156	161	11.90	13.50	14.40	13,920	15,020	15,980	48.10	55.50	59.30
NY.....	178	289	196	11.50	15.40	22.70	19,500	12,500	18,080	64.50	63.70	67.00
OR.....	86	95	65	19.80	21.00	23.40	21,500	21,640	19,610	43.40	42.00	88.40
TX.....	1,679	1,821	1,750	17.60	12.30	10.30	24,800	9,000	14,000	22.90	24.90	22.00
WA.....	453	456	481	16.50	14.10	17.20	65,770	90,400	96,300	50.40	53.40	42.00
Other States ²	215	165	220	12.80	13.00	29.80	126,930	126,900	106,000	71.50	69.20	64.50
US.....	15,476	15,347	15,415	14.40	11.90	13.30	412,920	378,570	380,080	61.90	63.70	62.70

¹ Preliminary.² New Jersey and Ohio.³ New Jersey, Ohio, and Wisconsin.

National Agricultural Statistics Service.

Table 206.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1972-86

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production	Value ²		Production	Value ²	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973.....	83,800	286	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974.....	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975.....	70,080	271	19,016	6.88	130,891	12,423	9.38	116,516	329,650	43.60	14,375
1976.....	73,460	262	19,278	5.58	113,371	12,353	8.06	99,785	346,250	39.20	13,586
1977.....	69,630	277	19,271	7.20	138,664	10,735	11.20	120,620	426,900	43.70	18,638
1978.....	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979.....	86,040	257	22,124	7.16	158,376	12,880	10.60	136,968	462,200	46.50	21,513
1980.....	81,800	255	20,888	8.33	173,905	13,704	11.30	154,853	359,170	53.00	19,052
1981.....	84,350	259	21,831	9.11	198,961	14,511	12.30	178,758	365,960	55.20	20,203
1982.....	86,850	277	24,082	8.64	208,000	14,764	11.70	172,550	419,830	53.10	22,280
1983 ⁴	87,400	265	23,158	9.31	215,431	15,234	12.70	192,744	395,700	57.40	22,687
1984.....	93,640	253	23,734	10.40	247,920	15,476	14.40	222,373	412,920	61.90	25,547
1985.....	90,100	254	22,916	9.00	206,426	15,347	11.90	182,394	378,570	63.70	24,132
1986 ⁵	86,000	263	22,617	10.10	227,983	15,415	13.30	205,410	360,060	62.70	22,573

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 170 in 1975, 243 in 1976, 5 in 1977, and 37 in 1978. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door. ⁴ Due to program modifications, 1983 data are not comparable with 1982 and earlier and 1984 and later data. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 207.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1972-86¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production	Value ²		Production	Value ²	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973.....	31,780	95	2,940	11.50	33,902	1,442	16.40	23,625	74,900	177.00	10,277
1974.....	32,220	94	3,053	13.10	39,594	1,553	17.80	27,658	74,000	17.00	11,941
1975.....	31,880	94	2,987	15.20	45,320	1,744	30.00	34,816	62,150	186.00	10,504
1976.....	33,500	92	3,071	16.90	51,714	1,989	21.30	42,381	54,100	173.00	9,333
1977.....	37,210	90	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978.....	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979.....	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980.....	43,320	98	4,255	22.50	95,762	2,901	28.20	79,043	72,720	230.00	16,719
1981.....	46,020	113	5,209	24.10	125,307	3,477	30.00	104,358	86,590	242.00	20,949
1982.....	51,400	104	5,370	24.50	131,356	3,420	31.20	106,740	97,530	252.00	24,616
1983 ⁴	54,600	99	5,414	25.90	139,989	3,704	32.00	118,464	85,510	252.00	21,525
1984.....	60,800	110	6,688	26.20	174,931	4,817	31.10	150,031	93,560	266.00	24,900
1985.....	61,200	109	6,664	25.40	169,133	4,904	29.80	145,955	87,940	264.00	23,178
1986 ⁵	65,400	110	7,205	26.20	188,534	5,789	29.30	169,426	70,830	270.00	19,108

¹ Includes heading (cauliflower) broccoli.

² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 27 in 1973.

³ Price and value on f.o.b. basis.

⁴ Price and value at processing plant door.

⁵ Due to program modifications, 1983 data are not comparable with 1982 and earlier and 1984 and later data.

⁶ Preliminary.

National Agricultural Statistics Service.

Table 208.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1984-86¹

State	Area			Production			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ.....	4,000	4,900	6,100	460	564	702	35.90	34.30	29.20
CA.....	46,200	45,600	50,500	4,851	4,788	5,555	27.29	26.40	26.60
MI.....	1,500	1,500	700	98	98	39	35.10	33.90	39.50
NY:									
Long Island.....	2,000	2,000	1,600	260	220	192	27.60	24.50	30.00
Upstate.....	1,900	1,900	1,500	209	228	165	21.60	17.50	29.10
OR.....	3,400	3,800	4,000	663	646	460	12.30	11.90	12.00
TX.....	1,800	1,500	1,000	147	120	92	22.90	24.70	28.30
US.....	60,800	61,200	65,400	6,688	6,664	7,205	26.20	25.49	26.29

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
AZ.....	460	564	702	35.90	34.30	29.20						
CA.....	3,670	3,688	4,595	31.20	29.90	29.00	59,050	55,000	48,000	292.00	294.00	303.00
Other States ³	697	652	492	27.70	25.10	31.90	34,510	32,940	22,830	222.00	213.00	200.00
US.....	4,817	4,904	5,789	31.10	29.80	29.30	93,560	87,940	70,830	266.00	264.00	270.00

¹ Includes heading (cauliflower) broccoli.² Preliminary.³ Michigan, New York, Oregon, and Texas.

National Agricultural Statistics Service.

Table 209.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1984-86¹

State	Area			Production			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
CA:									
Southern Coast.....	10,700	11,500	11,700	6,882	7,015	6,552	14.20	9.46	11.40
Central Coast.....	9,900	9,700	9,700	6,030	6,208	6,014	8.73	11.00	12.00
FL.....	3,400	3,400	3,700	3,797	3,360	3,524	15.30	10.70	12.70
MI.....	3,900	3,200	2,600	1,560	1,312	1,040	9.87	10.60	14.00
NY.....	750	610	470	300	247	193	10.30	11.50	15.60
OH.....	400	450	470	188	207	212	9.22	10.70	13.00
US.....	35,050	33,800	33,640	18,757	18,349	17,535	12.20	10.30	12.10

¹ Mostly for fresh market use, but includes some quantities used for processing.² Preliminary.

National Agricultural Statistics Service.

Table 210.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1972-86¹

Year	Area for harvest	Yield per acre	Production ²	Value ³		Year	Area for harvest	Yield per acre	Production ²	Value ³	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	33,220	482	16,021	6.42	102,794	1980.....	37,250	501	18,655	9.11	169,896
1973.....	33,480	501	16,784	6.04	101,352	1981.....	36,720	507	18,628	10.80	200,622
1974.....	32,690	504	16,476	5.70	93,966	1982.....	36,440	525	19,139	10.20	194,280
1975.....	31,750	498	15,826	7.46	118,122	1983.....	34,780	528	18,287	13.70	250,239
1976.....	33,660	502	16,904	7.89	133,336	1984.....	35,050	535	18,757	12.20	228,457
1977.....	33,760	491	16,561	8.51	140,978	1985.....	33,860	542	18,349	10.30	189,527
1978.....	36,830	467	17,201	11.90	204,941	1986 ⁴	33,640	521	17,535	12.10	212,220
1979.....	35,720	493	17,603	9.15	161,042						

¹ Mostly for fresh market use, but includes quantities used for processing.² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 56 in 1973 and 109 in 1974.³ Price and value on f.o.b. basis.⁴ Preliminary.

National Agricultural Statistics Service.

Table 211.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1972-86

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Pro- duction ¹	Value ²		Area for harvest	Yield per acre	Produc- tion	Value ²	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1972.....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973.....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974.....	177,400	78	13,909	7.80	108,542	462,150	4.48	2,069,450	54.30	112,306
1975.....	179,400	80	14,398	8.41	121,117	508,700	4.70	2,393,100	53.60	128,227
1976.....	184,100	81	14,921	8.16	121,812	460,980	4.84	2,233,100	48.20	107,708
1977.....	176,900	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978.....	181,100	78	14,061	8.84	124,229	429,610	5.67	2,434,700	49.90	121,445
1979.....	179,800	78	14,033	9.59	138,730	417,640	5.90	2,463,940	51.30	126,439
1980.....	180,450	79	14,281	10.70	152,890	375,400	5.75	2,158,010	53.70	115,824
1981.....	183,700	78	14,288	11.60	165,669	401,000	5.93	2,378,170	63.10	150,048
1982.....	186,100	78	14,435	12.20	176,071	446,900	6.13	2,740,450	61.40	168,165
1983.....	190,800	78	14,968	12.50	185,282	399,800	5.57	2,227,060	50.80	133,233
1984.....	193,000	81	15,589	13.10	204,617	427,200	5.97	2,552,170	63.70	162,530
1985.....	190,600	82	15,721	12.70	200,232	455,300	6.06	2,640,800	63.40	167,297
1986 *.....	183,100	81	14,808	14.00	206,974	412,980	6.13	2,530,620	56.70	148,470

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 77 in 1972 and 56 in 1978.

² Price and value on f.o.b. basis.

³ Price and value at processing plant door.

* Preliminary.

National Agricultural Statistics Service.

Table 212.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1984-86

Utilization and State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
FOR FRESH MARKET	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cwt.</i>	<i>1,000</i> <i>cwt.</i>	<i>1,000</i> <i>cwt.</i>	<i>Dollars</i> <i>per cwt.</i>	<i>Dollars</i> <i>per cwt.</i>	<i>Dollars</i> <i>per cwt.</i>
AL.....	5,000	4,800	5,000	250	240	300	28.00	14.00	10.70
CA.....	14,200	14,700	13,500	1,521	1,544	1,350	14.60	14.30	16.30
CO.....	3,400	3,400	3,400	408	527	561	8.35	6.70	8.30
CN.....	4,500	4,900	4,600	261	314	359	14.40	14.30	17.50
FL.....	56,400	51,000	47,400	4,621	4,590	4,361	13.40	14.50	14.90
IL.....	3,800	3,900	3,800	331	312	323	9.42	10.30	10.10
MA.....	8,100	7,900	8,400	713	743	790	14.50	12.80	17.50
MI.....	12,300	12,000	11,700	800	790	702	10.80	12.40	10.50
NJ.....	12,500	12,800	12,200	1,000	1,088	976	11.30	10.30	14.40
NY.....	26,500	28,400	24,700	2,037	1,903	1,754	11.80	10.30	13.30
NC.....	4,800	5,000	4,500	288	325	225	11.10	11.20	12.40
OH.....	15,000	15,200	15,400	1,125	1,186	1,263	13.40	12.50	13.50
OR.....	1,900	2,200	2,300	247	242	276	16.30	17.00	19.40
PA.....	15,900	14,800	16,600	1,161	1,061	797	12.40	12.40	15.20
TX.....	3,200	3,300	3,800	192	198	190	15.90	14.30	6.00
VA.....	3,400	3,000	2,600	340	315	192	13.60	12.00	15.80
WA.....	2,800	3,300	3,200	294	363	384	15.40	13.20	11.10
US.....	193,000	190,600	183,100	15,589	15,721	14,803	13.10	12.70	14.00
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i> ²	<i>Tons</i> ²	<i>Tons</i> ²	<i>Dollars</i> <i>per ton</i>	<i>Dollars</i> <i>per ton</i>	<i>Dollars</i> <i>per ton</i>
DE.....	5,000	4,600	4,900	29,550	26,960	23,370	79.80	71.20	47.90
ID.....	17,400	17,300	16,500	142,160	147,570	148,670	62.10	62.50	58.20
IL.....	36,500	36,200	31,700	194,180	206,700	151,840	69.90	67.10	58.60
MD.....	8,300	9,000	7,600	48,640	54,360	41,500	80.00	65.80	48.20
MN.....	115,000	118,300	123,500	669,300	682,590	734,830	61.40	59.50	53.80
NY.....	28,300	29,700	27,100	157,910	121,470	138,750	62.40	63.70	60.00
OR.....	42,000	38,600	34,900	365,400	354,780	322,480	71.10	69.70	66.60
PA.....	3,600	4,100	3,500	16,780	16,290	11,530	64.40	52.10	50.30
WA.....	32,900	38,900	34,900	245,760	326,760	268,640	68.00	68.70	67.20
WI.....	129,000	131,400	122,200	638,550	666,830	666,210	57.30	60.30	57.70
Other States ³	9,200	7,200	6,180	44,940	34,350	34,810	58.90	59.60	60.40
US.....	427,200	435,300	412,980	2,552,170	2,640,000	2,530,620	63.70	63.40	58.70
Grand total.....	620,200	625,900	596,080	3,331,620	3,426,050	3,270,770	110.00	107.00	109.00

¹ Preliminary.² Tonnage in bush.³ 1984—Indiana and Iowa. 1985—Indiana, Iowa, and Michigan. 1986—Indiana, Iowa, Michigan, and New Jersey. National Agricultural Statistics Service.

Table 213.—Cucumbers, commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1972-86

Year	For processing					Pickle stocks on hand Oct. 1 ²
	Area harvested	Yield per acre	Production	Value ¹		
				Per ton	Total	
	Acres	Tons	Tons	Dollars	1,000 dollars	Tons
1972.....	128,830	4.43	571,150	94.00	53,660	539,750
1973.....	125,930	4.76	598,900	99.30	59,445	501,000
1974.....	132,010	4.52	597,000	131.00	77,954	496,000
1975.....	140,170	4.81	674,250	129.00	86,730	502,800
1976.....	128,380	4.94	633,800	125.00	79,751	476,500
1977.....	123,790	5.04	623,850	126.00	78,651	494,550
1978.....	134,740	5.09	685,450	130.00	88,814	516,600
1979.....	131,689	5.08	668,970	145.00	97,186	507,750
1980.....	116,410	5.23	609,170	166.00	101,264	516,650
1981.....	97,580	5.90	575,380	175.00	100,629	445,300
1982 ³						
1983 ⁴						
1984 ⁵	103,580	5.97	618,240	168.00	103,823	
1985.....	115,200	6.03	694,430	178.00	123,639	528,990
1986 ⁶	110,310	5.78	637,440	177.00	112,922	521,650

¹ Price and value at processing plant door.² Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.³ Data not available.⁴ Estimates reinstated with the 1984 crop.⁵ Preliminary.

National Agricultural Statistics Service.

Table 214.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1984-86

State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
CA.....	3,300	4,100	4,000	56,430	73,470	64,680	232.00	189.00	200.00
CO.....	2,200	2,600	1,500	18,880	19,060	14,550	131.00	133.00	139.00
DE.....	1,500	1,500		7,160	6,530		137.00	144.00	
FL.....	4,700	4,800	4,400	21,150	24,900	24,200	301.00	275.00	278.00
IN.....	780	1,100	1,200	8,810	12,880	11,860	130.00	131.00	119.00
MD.....	3,500	3,900	3,200	26,290	28,350	20,990	147.00	143.00	193.00
MI.....	21,300	24,000	24,000	117,150	134,400	139,200	147.00	158.00	146.00
NJ.....	1,100	660	770	10,400	7,270	6,520	206.00	204.00	193.00
NC.....	26,100	29,100	25,300	86,130	99,230	80,960	171.00	198.00	195.00
OH.....	4,800	4,800	4,500	56,300	60,480	55,620	185.00	197.00	191.00
OR.....	2,000	2,100	1,900	25,000	25,520	22,610	155.00	170.00	156.00
SC.....	9,300	13,600	13,900	35,340	48,550	45,750	196.00	191.00	189.00
TX.....	6,800	6,100	8,200	40,800	37,520	42,640	156.00	228.00	200.00
WA.....	1,500	1,700	1,700	16,770	16,800	15,300	162.00	185.00	160.00
WI.....	7,800	6,700	7,200	61,390	61,980	54,000	105.00	125.00	160.00
Other States ²	6,900	8,440	9,140	30,240	38,390	38,560	167.00	173.00	155.00
US.....	103,580	115,200	110,310	618,240	694,430	637,440	168.00	178.00	177.00

¹ Preliminary.² 1984-85—Alabama, Arizona, Arkansas, Georgia, Idaho, Kentucky, Massachusetts, Minnesota, Mississippi, Missouri, Nebraska, New York, South Dakota, and Virginia. 1986—Alabama, Arizona, Arkansas, Delaware, Georgia, Idaho, Kentucky, Massachusetts, Minnesota, Mississippi, Missouri, Nebraska, and South Dakota.

National Agricultural Statistics Service.

Table 215.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1972-86

Year	Area for harvest	Yield per acre	Production	Value ¹		Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1972	13,200	175	2,307	6.24	14,390	1980	17,700	180	3,180	13.50	42,864
1973	14,000	175	2,453	7.47	18,324	1981	19,600	174	3,419	15.40	52,581
1974	12,400	176	2,185	8.23	17,993	1982	24,900	152	3,780	14.10	53,111
1975	12,570	191	2,395	9.31	22,286	1983	23,900	165	3,918	13.20	51,540
1976	13,950	168	2,346	10.60	24,916	1984	23,300	173	4,031	13.90	55,894
1977	15,480	167	2,591	9.87	25,561	1985	25,700	185	4,758	12.20	58,055
1978	18,520	184	3,413	9.62	32,846	1986	26,800	190	5,480	12.70	69,469
1979	20,500	170	3,477	10.90	37,761						

¹ Price and value on f.o.b. basis. ² Preliminary.

National Agricultural Statistics Service.

Table 216.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1984-86

State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ	2,000	2,200	2,800	310	385	490	19.00	11.00	12.80
CA	16,300	18,500	19,000	2,771	3,423	3,800	12.80	10.20	10.90
TX	5,000	5,000	7,000	950	950	1,190	15.80	19.90	18.30
US	23,300	25,700	28,800	4,031	4,758	5,480	13.90	12.20	12.70

¹ Preliminary.

National Agricultural Statistics Service.

Table 217.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1984-86

State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ.....									
Western.....	30,100	36,600	32,100	8,579	10,614	8,988	10.20	8.72	11.50
Other.....	7,900	8,700	6,500	2,054	1,653	1,658	9.15	10.50	12.90
CA.....	150,900	145,500	138,300	47,273	42,923	42,182	10.70	11.00	11.80
CO.....	2,800	3,400	2,500	756	816	613	13.90	11.10	10.00
FL.....	13,200	13,500	14,200	2,349	2,430	2,343	15.90	16.20	19.20
MI.....	1,100	1,200	1,200	259	300	240	15.70	17.50	16.70
NJ.....	2,800	2,800	2,600	444	392	429	14.00	10.70	12.70
NM.....	3,300	3,200	2,900	574	656	725	9.40	8.85	14.00
NY.....	3,800	3,700	3,100	779	759	630	15.40	12.40	13.50
OH.....	750	900	900	90	122	99	35.50	35.70	33.80
TX.....	2,700	3,700	2,300	567	592	437	11.50	13.10	10.20
WA.....	1,100	1,100	1,200	231	200	216	14.60	13.00	14.70
WI.....	700	740	540	252	244	157	12.10	12.10	8.60
Total.....	221,150	225,040	208,340	64,207	61,710	56,707	11.00	10.90	12.20
HI.....	730	650	620	102	94	88	24.10	24.90	28.00
US.....	221,880	225,690	208,970	64,309	61,804	56,795	11.00	10.90	12.20

¹ Preliminary.

National Agricultural Statistics Service.

Table 218.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1972-86

Year	Area for harvest	Yield per acre	Production ¹	Value ²		Year	Area for harvest	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1972	220,470	221	48,720	5.73	279,295	1980	226,460	268	63,297	8.91	564,064
1973	224,950	225	50,535	7.40	374,177	1981	223,540	280	62,649	10.90	681,612
1974	228,320	225	51,431	6.93	356,402	1982	216,050	291	62,949	12.00	758,452
1975	228,750	235	53,658	6.71	360,313	1983 ³	208,630	273	57,969	12.30	713,716
1976	225,020	249	55,951	8.26	462,262	1984	221,880	290	64,309	11.00	706,271
1977	231,380	259	59,929	6.94	415,951	1985	225,690	274	61,804	10.90	675,270
1978	239,090	252	60,275	9.90	596,908	1986 ⁴	208,970	281	58,795	12.20	719,078
1979	245,850	249	61,310	9.20	564,113						

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 82 in 1972 and 1,316 in 1973.

² Price and value on f.o.b. basis.

³ Due to program modifications, 1983 data are not comparable with 1983 and earlier or 1984 and later data.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 219.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1972-86 ¹

Year	Stocks in storage Jan. 1 ²			Area for harvest	Yield per acre	Production ³	Shrinkage and loss	Value ⁴	
	In common storage	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1972	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976	4,430	89	4,519	109,520	322	35,288	3,933	6.93	217,202
1977	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,314
1978	5,680	63	5,743	121,920	297	36,174	3,958	7.81	251,495
1979	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980	7,752	99	7,851	113,160	296	33,526	3,075	11.40	347,054
1981	6,235	78	6,313	112,030	314	35,155	2,885	14.70	475,470
1982	5,560	35	5,595	125,920	332	41,861	4,553	8.24	307,501
1983				123,040	315	38,762	3,851	12.40	431,906
1984				129,350	338	43,657	3,925	10.60	422,538
1985				122,760	367	45,059	6,799	9.08	347,247
1986 ⁵				115,140	373	42,935	4,833	9.75	371,411

¹ Mostly for fresh market use, but includes some quantities used for processing.

² Grower and local dealer stocks discontinued after 1982.

³ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

⁴ Price and value on f.o.b. basis.

⁵ Preliminary.

National Agricultural Statistics Service.

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Table 220.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1984-86 ¹

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dol- lars per cwt.	Dol- lars per cwt.	Dol- lars per cwt.
Spring:												
AZ.....	2,300	1,300	1,200	805	564	660				9.15	9.55	8.78
CA.....	7,700	7,800	7,800	2,734	3,510	2,886				12.00	14.30	10.30
TX.....	18,600	17,000	12,000	3,348	3,230	3,600				19.60	12.30	9.74
Total.....	28,600	26,000	21,000	6,887	7,304	7,146				15.40	13.00	9.88
Summer:												
Non-storage:												
NM.....	3,900	4,500	4,500	1,365	1,463	1,733				11.80	12.90	9.53
TX.....	6,000	4,100	5,300	1,560	943	1,537				14.00	15.50	11.70
WA.....	1,200	1,300	1,300	432	390	429				13.50	17.40	9.55
Non-storage total.....	11,100	9,900	11,100	3,357	2,796	3,609				13.00	14.40	10.40
Storage:												
CO.....	12,200	12,600	10,800	4,636	5,355	4,590	923	1,875	1,215	12.80	8.95	11.60
ID.....	4,600	6,800	7,000	2,323	3,740	3,710	275	1,048	720	10.20	6.20	8.78
MI.....	8,500	7,800	5,700	2,933	2,535	1,553	448	500	466	6.80	6.96	11.50
MN.....	650	670	650	156	194	206	19	30	32	5.95	5.28	9.00
NY.....	14,100	13,200	12,800	3,384	3,960	3,456	508	491	437	10.70	11.30	17.10
OH.....	500	490	490	205	221	181	25	15	23	11.50	9.26	13.90
OR (Malheur).....	10,900	9,600	8,500	5,505	5,280	4,505	653	1,478	878	10.20	6.20	8.78
OR (Other).....	3,200	3,500	3,200	1,280	1,506	1,408	320	285	378	9.65	5.65	8.90
UT.....	2,200	1,600	1,400	683	720	489	119	120	78	7.50	4.71	7.76
WA.....	4,300	4,300	4,400	1,935	1,763	1,848	335	404	366	9.07	4.97	7.85
WI.....	1,600	1,300	1,200	544	436	378	50	56	40	5.05	4.31	9.60
Storage total.....	62,750	61,860	56,140	23,594	25,709	22,406	3,675	6,302	4,633	9.99	7.51	10.80
CA ³	26,900	25,000	26,900	9,819	9,250	9,684	250	497	200	7.73	7.53	7.47
Total summer.....	100,750	96,760	94,140	36,770	37,755	35,789	3,925	6,799	4,833	9.64	8.14	9.72
US.....	129,350	122,760	115,140	43,657	45,059	42,935	3,925	6,799	4,833	10.60	9.08	9.75

¹ Mostly for fresh market use, but includes some quantities used for processing.² Preliminary.³ Primarily for processing.

National Agricultural Statistics Service.

Table 221.—Onions: Foreign trade, United States, 1972-85

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.
1972.....	1,458	1,340	1977.....	1,345	1,941	1982.....	1,861	1,367
1973.....	1,079	1,773	1978.....	1,582	2,164	1983.....	2,414	2,056
1974.....	909	1,553	1979.....	1,304	1,851	1984.....	2,528	2,479
1975.....	696	3,169	1980.....	1,400	2,614	1985.....	2,500	1,178
1976.....	1,403	3,169	1981.....	1,581	3,822			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 222.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1972-86

Year	Area harvested	Yield per acre	Production	Value ¹		Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total					Per ton	Total
	<i>Acres</i>	<i>Tons ²</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons ²</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	380,670	1.36	516,050	112.00	57,968	1980.....	321,660	1.51	484,240	209.00	101,392
1973.....	423,790	1.20	507,650	119.00	60,530	1981.....	293,090	1.55	455,050	218.00	99,056
1974.....	421,700	1.36	573,150	196.00	112,166	1982.....	303,830	1.63	496,290	227.00	112,541
1975.....	437,650	1.30	570,750	218.00	124,604	1983.....	306,800	1.38	425,740	217.00	92,189
1976.....	393,020	1.31	513,200	199.00	101,982	1984.....	330,470	1.50	495,340	237.00	117,266
1977.....	350,490	1.40	488,950	206.00	94,533	1985.....	353,620	1.63	577,810	240.00	135,480
1978.....	355,460	1.30	461,100	206.00	94,533	1986 ³	272,420	1.52	414,880	226.00	93,781
1979.....	392,320	1.56	613,350	210.00	129,090						

¹ Price and value at processing plant door.² Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.³ Preliminary.

National Agricultural Statistics Service.

Table 223.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1984-86

State	Area			Production ²			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
DE.....	11,500	12,400	9,600	16,100	22,200	15,460	276.00	277.00	239.00
MD.....	2,500	1,900	.....	4,000	4,030	.....	282.00	304.00	.....
MN.....	74,200	81,500	72,700	102,400	123,770	94,510	243.00	240.00	232.00
NY.....	9,200	12,000	8,700	15,090	28,080	16,100	301.00	305.00	281.00
OR.....	33,600	35,400	29,200	49,730	43,190	34,160	211.00	204.00	198.00
WA.....	64,400	61,500	47,600	109,420	98,400	81,400	246.00	240.00	251.00
WI.....	86,200	98,100	70,900	127,580	160,880	114,150	222.00	226.00	208.00
Other States ³	48,870	50,820	33,720	70,880	92,260	59,100	233.00	248.00	215.00
US.....	330,470	353,620	272,420	495,340	577,810	414,880	237.00	240.00	226.00

¹ Preliminary.² Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.³ 1984-85—California, Idaho, Illinois, Iowa, Maine, Michigan, New Jersey, Pennsylvania, and Utah. 1986—California, Idaho, Illinois, Iowa, Maine, Maryland, Michigan, New Jersey, and Pennsylvania.

National Agricultural Statistics Service.

Table 224.—Potatoes: Production, seed used, and disposition, United States, 1972-85

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....	296,359	23,556	7,913	19,996	288,450
1973.....	300,013	25,257	6,516	18,576	275,121
1974.....	342,395	23,795	6,472	32,496	303,427
1975.....	321,978	25,615	6,560	22,177	293,241
1976.....	357,666	25,566	6,769	26,246	324,660
1977.....	355,334	25,989	6,718	31,119	317,497
1978.....	366,314	24,331	6,302	34,439	325,573
1979.....	342,447	22,316	5,904	30,128	306,415
1980.....	303,905	24,063	6,389	23,237	274,288
1981.....	340,623	24,931	6,004	36,339	308,280
1982.....	355,131	24,189	7,274	31,013	316,844
1983.....	333,911	25,535	5,364	34,674	303,263
1984.....	362,612	27,203	5,746	30,117	326,749
1985 ¹	407,109	24,827	8,111	52,759	346,239

¹ Preliminary.

National Agricultural Statistics Service.

Table 225.—Potatoes: Area, yield, production, season average price, and value, United States, 1972-86

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt. received by farmers ¹	Value of production
	1,000 acres	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1972.....	1,301.1	1,255.6	236	296,359	3.02	895,903
1973.....	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974.....	1,421.6	1,391.6	246	342,395	4.01	1,354,928
1975.....	1,298.5	1,259.5	256	321,978	4.48	1,442,741
1976.....	1,404.2	1,371.4	261	357,666	3.59	1,282,521
1977.....	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978.....	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979.....	1,295.4	1,258.3	272	342,447	3.44	1,172,106
1980.....	1,175.4	1,147.8	265	303,905	6.55	1,985,814
1981.....	1,255.3	1,232.4	276	340,623	5.42	1,831,474
1982.....	1,302.8	1,266.9	280	355,131	4.45	1,562,639
1983.....	1,272.1	1,242.5	269	333,911	5.82	1,935,502
1984.....	1,336.9	1,301.0	279	362,612	5.69	2,045,697
1985.....	1,409.1	1,361.1	299	407,109	3.92	1,570,600
1986 ²	1,253.2	1,215.3	292	354,468	4.94	1,739,704

¹ Obtained by weighting State prices by quantity sold.² Preliminary.

National Agricultural Statistics Service.

Table 226.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1984-86

Season and State	Area harvested			Production			Price for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
CA.....	5.6	5.4	5.1	1,456	1,404	1,479	9.25	9.80	7.00
FL.....	7.4	7.8	7.2	1,184	1,287	1,512	17.80	18.40	16.20
Total.....	13.0	13.2	12.3	2,640	2,691	2,991	13.00	14.00	11.80
Spring:									
AL.....	4.6	5.3	4.7	644	848	682	6.35	7.00	6.75
AZ.....	5.4	5.8	5.9	1,647	1,450	1,298	9.20	8.45	7.30
CA.....	28.5	27.5	19.5	11,115	10,588	7,605	12.00	9.60	8.55
FL.....	25.0	26.0	24.5	6,500	6,370	6,860	7.85	7.60	6.05
Hastings.....	1.2	1.3	.9	240	273	171	9.45	9.50	9.60
Other.....	1.0	.6	.5	60	42	35	11.20	14.00	13.50
LA.....	14.7	14.0	13.7	2,352	2,310	2,055	6.95	4.25	5.60
NC.....	6.2	6.5	6.2	1,240	1,105	1,116	6.75	7.75	6.00
TX.....									
Total.....	86.6	87.0	75.9	23,798	22,986	19,822	9.58	8.27	7.05
Summer:									
AL.....	8.3	7.8	7.3	955	1,404	986	8.20	4.50	7.60
CA.....	8.1	7.2	6.2	2,916	2,700	2,263	12.30	7.35	9.95
CO.....	7.1	7.4	7.4	1,988	2,220	2,146	5.45	4.15	5.70
DE.....	5.5	6.5	6.9	1,265	1,820	1,311	11.20	3.90	6.50
IL.....	2.4	3.0	2.9	636	855	783	6.35	4.00	4.35
IN.....	1.8	1.9	(²)	216	266	(²)	8.70	5.50	(²)
IA.....	1.4	1.6	1.7	210	330	332	5.90	3.95	4.20
MD.....	1.6	1.6	1.6	296	320	272	11.10	7.80	6.80
MI.....	12.8	13.8	8.0	2,560	3,036	1,840	6.70	4.20	6.00
MN.....	6.0	6.5	6.2	1,680	1,788	1,643	8.20	2.85	6.25
NE.....	2.2	2.5	2.2	572	700	605	4.75	4.75	5.70
NJ.....	8.5	8.8	8.1	1,828	2,464	1,944	7.25	3.80	6.10
NM.....	9.1	10.4	9.0	2,639	2,860	2,745	6.80	4.70	5.00
NC.....	2.9	2.3	1.9	348	265	209	9.10	9.25	8.45
OH.....	1.2	1.1	(²)	342	341	(²)	6.10	4.65	(²)
TN.....	3.0	2.5	2.6	270	375	234	9.40	7.60	9.55
TX.....	11.3	12.5	9.9	2,825	2,750	2,475	13.80	5.70	9.80
VA.....	14.0	16.5	13.9	1,540	3,300	1,112	12.00	5.25	5.65
Total.....	107.2	113.9	95.8	23,086	27,794	20,900	9.14	4.86	6.83
Fall:									
CA.....	18.2	21.5	18.0	7,280	8,385	7,110	7.70	6.10	6.50
CO.....	53.0	56.0	55.0	17,225	17,920	18,150	4.65	2.25	3.60
CN.....	1.4	1.4	1.0	315	350	225	5.40	3.20	6.20
ID.....									
10 S.W. counties.....	28.0	29.0	17.0	9,380	10,875	6,120	* 4.85	* 3.30	* 4.35
Other counties.....	297.0	316.0	290.0	77,220	91,640	81,200			
IN.....	3.0	2.6	* 4.5	750	624	* 990	6.10	4.20	6.60
ME.....	89.0	99.0	84.0	21,360	28,215	21,000	4.30	2.80	5.00
MA.....	2.9	3.3	2.9	580	825	667	5.40	3.40	6.10
MI.....	44.0	44.0	34.0	12,540	12,100	9,350	5.50	4.45	5.80
MN.....	72.5	69.0	70.0	13,775	14,145	13,650	4.70	2.95	4.10
MT.....	7.4	7.0	7.7	1,924	1,890	2,232	9.50	8.75	6.65
NE.....	8.0	7.8	6.9	2,480	2,106	1,794	6.65	4.75	6.55
NV.....	10.0	9.0	8.0	3,300	3,105	2,900	4.80	2.80	4.00
NY:									
Long Island.....	13.5	12.9	8.9	3,577	3,870	2,492	5.40	2.90	6.85
Upstate.....	25.5	25.5	22.5	6,630	6,375	5,288	6.30	4.45	8.05
ND.....	133.0	139.0	120.0	20,615	23,630	21,600	4.65	3.20	4.15
OH.....	9.3	9.3	* 9.7	2,418	2,465	* 2,877	5.50	4.80	5.90
OR:									
Malheur County.....	11.0	10.2	6.8	3,960	3,774	2,380	4.10	3.90	4.25
Other counties.....	45.5	50.8	45.2	19,565	23,114	20,792	4.90	3.50	4.45
PA.....	21.5	22.0	21.5	5,160	5,720	5,160	6.35	4.55	6.40
RI.....	2.6	2.5	1.6	598	700	416	5.20	3.90	5.25
SD.....	13.0	12.0	12.0	1,820	2,100	2,340	3.60	3.15	3.15
UT.....	6.4	6.5	6.4	1,728	1,658	1,760	5.05	4.50	4.35
VT.....	.3	.2	.1	68	47	20	6.25	3.20	6.00
WA.....	115.0	126.0	118.0	56,925	63,630	60,180	5.15	3.45	4.30
WI.....	61.0	63.5	57.5	21,350	24,130	20,125	4.80	3.15	4.70
WY.....	2.2	1.0	2.1	550	245	536	7.00	4.20	5.30
Total.....	1,094.2	1,147.0	1,031.3	313,068	353,638	310,755	5.03	3.42	4.60
US.....	1,301.0	1,361.1	1,215.3	362,612	407,109	354,468	5.69	3.92	4.94

See footnotes on page 166.

Table 227.—Fall potatoes: Production and total stocks held by growers and local dealers, 15¹ States, 1972-86

Crop year	Production	Total stocks ¹					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 ²	242,390	155,190	132,050	105,600	82,510	57,860	.....
1973.....	247,686	154,890	131,600	105,300	80,460	55,465	.....
1974.....	278,679	183,850	160,100	131,480	102,963	75,217	.....
1975.....	266,422	181,720	156,220	129,710	102,850	70,970	.....
1976.....	294,978	198,690	172,230	142,000	112,890	81,120	.....
1977.....	295,421	202,550	175,300	147,930	119,850	88,680	.....
1978.....	311,981	219,850	193,520	162,980	132,570	99,250	64,830
1979.....	284,940	200,820	176,020	147,910	121,720	92,550	59,535
1980.....	256,518	172,090	147,010	122,065	97,690	72,600	44,546
1981.....	287,710	193,610	164,380	137,820	111,780	82,270	50,760
1982.....	298,301	206,525	178,980	150,200	122,500	90,150	57,305
1983.....	284,344	192,150	165,330	138,900	112,730	81,740	50,365
1984.....	303,384	201,410	173,380	144,760	118,400	86,440	52,465
1985.....	343,984	235,475	202,800	171,510	138,720	104,540	65,890
1986 ³	301,001	204,180	176,600	150,640	124,830	91,670	57,040

¹ Stocks estimated for the 15 major States (see table 228) starting with the 1980 crop. This table shows stocks and comparable production for the 15 States over the past 11 years. Prior to this year, this table showed data for the 23 major States over a 15 year period.

² Beginning 1972, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

³ Preliminary.

National Agricultural Statistics Service.

Table 228.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1985 and 1986¹

State	Crop of 1985						Crop of 1986 ¹					
	Dec. 1, 1985	Jan. 1, 1986	Feb. 1, 1986	Mar. 1, 1986	Apr. 1, 1986	May 1, 1986	Dec. 1, 1986	Jan. 1, 1987	Feb. 1, 1987	Mar. 1, 1987	Apr. 1, 1987	May 1, 1987
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
CA.....	5,500	4,600	3,900	3,200	2,600	1,900	4,700	3,700	2,700	2,300	1,700	1,100
CO.....	14,600	12,900	11,000	9,350	7,550	5,350	13,600	11,750	9,750	8,200	6,300	4,250
ID.....	74,500	65,000	56,500	46,000	35,000	22,500	67,500	60,500	54,500	47,500	38,000	25,500
ME.....	22,700	20,200	17,200	14,100	10,600	7,100	15,500	12,700	10,300	8,100	5,600	3,000
MI.....	8,000	6,600	5,300	4,100	2,600	1,500	5,600	4,600	3,900	2,600	1,300	500
MN.....	11,000	9,900	8,500	7,000	5,300	3,100	10,100	9,000	7,700	6,300	4,000	1,800
MT.....	1,600	1,400	1,250	1,300	1,100	50	2,150	2,100	2,040	1,970	1,350	400
NE.....	1,750	1,500	1,250	1,000	550	270	1,550	1,250	1,000	780	390	190
NY:												
Long Island.....	2,000	1,450	1,000	600	300	² 150	600	350	100	(²)	(²)	(²)
Upstate.....	3,700	2,700	2,000	1,400	800	350	2,500	2,000	1,300	750	300	² 100
ND.....	18,800	16,000	13,200	10,700	7,800	3,800	15,500	13,500	11,100	8,900	5,900	3,000
OH.....	800	500	300	130	40	(²)	680	450	250	² 120	² 30	(²)
OR.....	18,500	15,700	13,300	10,500	8,000	5,800	17,000	14,900	12,700	10,100	7,800	5,800
PA.....	4,025	3,350	2,610	1,840	1,300	610	3,400	2,800	2,100	1,400	1,000	400
WA.....	33,500	30,000	25,700	21,000	16,200	9,700	32,300	28,000	24,400	20,400	14,600	8,700
WI.....	14,500	11,000	8,400	6,500	4,800	3,200	11,500	9,000	6,800	5,400	3,400	2,300
15 State total.....	235,475	202,800	171,510	138,720	104,540	65,380	204,180	176,600	150,640	124,830	91,670	57,040

¹ Preliminary.

² Combined to prevent possible disclosure of individual operations.

National Agricultural Statistics Service.

Table 229.—Potatoes: Utilization, United States, crop years 1978-85

Item	1978	1979	1980	1981	1982	1983	1984	1985 ¹
SALES	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.	<i>1,000</i> cwt.
Table stock.....	112,336	115,109	98,066	111,976	120,306	107,349	113,759	126,248
For processing.....								
Chips and shoestring.....	37,839	38,276	37,894	39,344	40,650	43,311	42,339	42,336
Dehydration.....	33,243	30,784	28,222	29,875	27,720	26,754	27,845	29,958
Frozen french fries.....	79,539	74,320	67,208	79,829	76,013	74,350	87,350	94,741
Other frozen products.....	15,406	14,420	13,673	16,812	17,290	19,655	20,322	17,856
Canned potatoes.....	2,660	2,479	2,054	2,469	2,743	2,137	2,589	2,154
Other canned products (hash, stews, soups).....	2,127	2,251	1,993	1,700	1,839	1,991	1,834	1,610
Starch and flour.....	3,460	3,574	2,186	2,299	4,536	3,025	3,401	3,489
Total.....	174,274	166,104	153,230	172,328	170,891	171,226	185,680	192,144
Other sales.....								
Livestock feed.....	7,173	6,638	3,903	3,583	6,159	3,796	4,664	3,057
Seed.....	19,750	18,075	19,089	20,393	19,488	20,912	22,646	19,790
Total diverted ²	12,040	491	0	0	0	0	0	0
Total.....	38,963	25,202	22,992	23,976	25,647	24,708	27,310	27,847
Total sales.....	325,573	306,415	274,288	308,290	316,844	303,283	326,749	346,239
NON-SALES								
Seed used on farms where grown.....	4,561	4,241	4,974	4,538	4,681	4,623	4,420	5,087
Household use.....	1,721	1,663	1,406	1,466	2,693	1,331	1,326	3,074
Shrinkage and loss.....	34,439	30,128	23,237	26,339	31,013	24,674	30,117	52,759
Total non-sales.....	40,741	36,032	29,617	32,343	38,287	30,628	35,863	60,870
Total production.....	366,314	342,447	303,905	340,623	355,131	333,911	362,612	407,109

¹ Preliminary.² Quantity of potatoes sold for livestock feed and starch under the USDA Diversion Program. For the 1979 crop, the USDA diversion includes Maine only.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 226

¹ Preliminary.² Combined with "fall."³ Season average price for all areas.⁴ Includes areas previously classified as "summer."

National Agricultural Statistics Service.

Table 230.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1955 ¹

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
CA.....	1,404	97			1,320
FL.....	1,287	209		84	1,279
Total.....	2,691	306		92	2,599
Spring:					
AL.....	848	70	1	13	834
AZ.....	1,450	92	3	29	1,418
CA.....	10,588	449	21	212	10,355
FL.....					
Hastings.....	6,370	625	1	25	6,344
Other.....	272	25		2	271
LA.....	42	5	3	1	36
NC.....	2,310	177	61	69	2,180
TX.....	1,105	79	29	17	1,069
Total.....	22,906	1,522	119	368	22,499
Summer:					
AL.....	1,404	107	12	70	1,322
CA.....	2,700	122	12	65	2,633
CO.....	2,220	155	4	31	2,185
DE.....	1,820	105	4	73	1,743
IL.....	855	48	10	21	834
IN.....	206				
IA.....	330	24	2	18	246
MD.....	320	24	6	16	308
MI.....	3,086	265	53	343	2,640
MN.....	1,788	110	3	87	1,698
NE.....	700	46	34	115	651
NJ.....	2,464	148	10	74	2,380
NM.....	2,960	154	18	172	2,670
NC.....	365	27	50	9	306
OH.....	341				
TN.....	375	22	3	81	307
TX.....	2,750	130	28	12	2,596
VA.....	3,300	192	35	132	3,133
Total.....	27,794	1,680	302	1,383	26,109
Fall:					
CA.....	8,265	378	44	1,291	7,060
CO.....	17,920	1,234	836	2,873	14,211
CN.....	350	20	2	16	332
ID.....	102,515	6,800	2,535	22,947	76,133
IN.....	624	93	9	86	527
ME.....	28,215	1,785	805	3,500	23,910
MA.....	825	58	3	60	762
MI.....	12,100	819	250	1,250	10,800
MN.....	14,145	1,221	196	1,301	12,648
MT.....	1,890	137	90	750	1,050
NE.....	2,106	135	153	232	1,721
NV.....	3,105	160		373	2,732
NY:					
Long Island.....	3,870	185	5	320	3,545
Upstate.....	6,375	576	180	595	5,600
ND.....	23,630	1,964	340	4,725	18,565
OH.....	2,465	194	27	188	2,250
OR:					
Malheur County.....	3,774	140	8	400	3,366
Other counties.....	23,114	990	348	2,852	19,914
PA.....	5,720	374	114	496	5,120
RI.....	700	33	3	12	665
SD.....	2,100	195	24	90	1,986
UT.....	1,658	154	71	171	1,416
VT.....	47	2		4	42
WA.....	63,630	2,574	400	4,900	56,430
WI.....	24,130	966	220	1,680	22,250
WY.....	245	42	24	32	189
Total.....	353,638	21,319	7,690	50,916	295,032
US.....	407,109	24,827	8,111	52,759	346,239

¹ Preliminary.

National Agricultural Statistics Service.

Table 231.—Potatoes,¹ white: United States exports by country of destination and imports by country of origin, 1983-85

Item and country	Year beginning October			Item and country	Year beginning October		
	1983	1984	1985		1983	1984	1985
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Leeward and Windward Islands			
Germany, Fed. Rep. of.....	23	0	0	Islands.....	665	358	312
Sweden.....	67	0	81	Netherlands Antilles.....	329	117	47
United Kingdom.....	14	78	3	Trinidad and Tobago.....	20	19	30
Other countries.....	0	77	19	Total ²	2,841	992	1,081
Total ²	104	155	103	Other countries:			
Latin America:				Canada ³	50,685	44,516	34,638
Mexico.....	4,668	2,225	3,794	Hong Kong.....	344	293	384
Panama.....	66	0	0	Saudi Arabia.....	119	235	19
Other countries.....	103	121	136	Singapore.....	164	73	60
Total ²	4,836	2,345	3,930	Total ²	60,570	45,584	35,850
Bermuda and Caribbean:				Grand total ²	68,353	49,084	40,473
Bahamas.....	454	359	199	IMPORTS			
Barbados.....	34	2	96	Certified seed:			
Bermuda.....	312	117	49	Canada.....	31,729	48,584	28,019
Cayman Islands.....	4	0	0	Other potatoes:			
Dominican Republic.....	135	39	79	Canada.....	93,443	161,728	106,036
French West Indies.....	8	0	0				
Jamaica.....	940	0	269				

¹ Includes seed potatoes.² Totals may not add due to rounding.³ U.S. exports to Canada must be adjusted upward approximately 50% due to underreporting of actual shipments. Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 232.—Potatoes: Foreign trade, United States, 1972-85

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972.....	759	4,430	1977.....	955	3,630	1982.....	1,144	1,932
1973.....	1,874	4,975	1978.....	703	3,025	1983.....	2,073	1,731
1974.....	1,453	4,545	1979.....	1,141	2,336	1984.....	2,278	1,354
1975.....	691	9,317	1980.....	2,412	2,459	1985.....	3,728	830
1976.....	806	11,617	1981.....	3,214	2,581			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 233.—Sweet potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1972-86

Year	Area harvested	Yield per acre	Production	Price ¹	Value of production	Year	Area harvested	Yield per acre	Production	Price ¹	Value of production
	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1972.....	113.3	107	12,170	5.73	69,969	1980.....	102.2	107	10,953	13.60	148,359
1973.....	111.6	109	12,156	7.32	89,163	1981.....	109.8	117	12,799	13.60	174,748
1974.....	118.1	113	13,339	7.34	98,228	1982.....	115.4	129	14,833	8.03	118,864
1975.....	114.3	113	12,591	8.59	110,758	1983.....	102.4	118	12,963	13.60	165,265
1976.....	114.8	116	13,273	7.50	99,054	1984.....	103.5	125	12,986	14.00	182,191
1977.....	107.1	111	11,885	10.50	124,859	1985.....	105.3	141	14,853	8.81	130,450
1978.....	112.2	117	13,115	10.60	139,226	1986 ²	94.4	135	12,754	10.30	130,810
1979.....	114.2	117	13,370	8.92	119,093						

¹ Obtained by weighting State prices by quantity sold.² Preliminary.

National Agricultural Statistics Service.

Table 234.—Taro: Area, yield, production, price, and value, Hawaii, 1972-86

Year	Area harvested ¹	Yield per acre	Production	Price per pound	Value of production	Year	Area harvested ¹	Yield per acre	Production	Price per pound	Value of production
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1972.....	460	19.6	9,020	0.084	758	1980.....	320	20.0	6,400	0.200	1,280
1973.....	460	18.4	8,478	.094	796	1981.....	340	17.9	6,100	.214	1,305
1974.....	460	19.2	8,835	.102	901	1982.....	350	18.5	6,460	.224	1,447
1975.....	460	16.5	7,592	.112	850	1983.....	370	14.7	5,440	.226	1,229
1976.....	460	16.0	7,350	.121	889	1984.....	370	17.1	6,310	.219	1,382
1977.....	470	16.7	7,870	.127	999	1985.....	400	17.2	6,880	.230	1,578
1978.....	450	17.1	7,680	.134	1,029	1986 ²	390	16.2	6,330	.231	1,462
1979.....	495	16.4	8,140	.164	1,089						

¹ Average during the year.² Preliminary.

National Agricultural Statistics Service.

Table 235.—Sweet potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1984-86

State	Area harvested			Production			Price for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
AL.....	5.9	6.4	6.3	679	768	630	15.50	9.65	13.80
CA.....	8.0	7.4	7.1	1,440	1,443	1,491	15.10	12.80	11.70
GA.....	6.4	6.3	5.8	896	1,008	754	14.10	9.10	11.10
LA.....	23.0	21.0	20.0	2,415	2,520	2,460	7.90	5.35	5.70
MD.....	1.1	1.1	.9	176	182	117	11.80	9.50	16.80
MS.....	4.8	5.5	5.2	504	600	672	9.25	8.45	9.60
NJ.....	2.4	2.7	2.0	284	338	220	16.10	11.20	18.10
NC.....	38.0	40.0	34.0	5,130	6,900	4,930	15.00	7.50	8.80
SC.....	5.0	5.0	4.0	500	625	420	17.20	11.70	13.20
TN.....	1.0	1.1	.9	95	165	99	13.90	11.60	11.70
TX.....	7.3	7.7	7.2	803	1,001	1,022	24.30	15.90	20.30
VA.....	.6	1.1	.9	84	143	99	10.40	4.75	7.00
US.....	103.5	105.3	94.4	12,986	14,853	12,754	14.00	8.81	10.30

¹ Preliminary.

National Agricultural Statistics Service.

Table 236.—Sweet potatoes: Production, seed used, and disposition, United States, 1972-85

Year	Production 1,000 cwt.	Total used for seed 1,000 cwt.	Used on farms where produced		Sold 1,000 cwt.
			For seed, feed, and household use 1,000 cwt.	Shrinkage and loss 1,000 cwt.	
1972.....	12,170	707	1,223	546	10,401
1973.....	12,156	805	1,323	648	10,185
1974.....	13,339	792	1,285	696	11,358
1975.....	12,891	876	1,244	625	11,022
1976.....	13,273	760	1,244	976	11,053
1977.....	11,885	916	1,178	548	10,161
1978.....	13,115	1,017	1,286	627	11,202
1979.....	13,370	925	1,242	711	11,417
1980.....	10,953	924	1,092	534	9,327
1981.....	12,799	1,106	1,373	532	10,894
1982.....	14,553	989	1,693	772	12,368
1983.....	12,063	1,047	1,176	564	10,343
1984.....	12,986	1,050	1,256	630	11,200
1985.....	14,853	(¹)	(¹)	(¹)	(¹)

¹ Estimates discontinued.

National Agricultural Statistics Service.

TOMATOES

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Table 237.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1972-86

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1972	145,170	137	19,925	14.80	295,582	255,020	21.90	5,803,700	35.20	204,366
1973	138,990	141	19,556	16.00	312,217	256,100	30.11	5,934,550	42.00	249,086
1974	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975	124,680	169	21,114	18.70	393,866	384,250	22.13	8,503,750	63.20	537,452
1976	127,590	171	21,772	19.10	416,562	308,960	20.96	6,471,750	58.00	375,407
1977	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978	130,220	172	22,408	19.70	440,379	395,560	21.54	8,287,700	64.20	408,960
1979	125,260	196	23,292	22.50	524,523	312,030	23.49	7,329,510	67.70	495,476
1980	126,250	201	25,383	20.70	524,919	263,030	23.61	6,210,590	61.00	378,853
1981	126,960	205	25,961	21.40	555,770	253,920	22.51	5,716,130	67.50	385,632
1982	119,690	224	26,769	22.50	603,551	295,800	24.72	7,298,990	71.80	522,422
1983	122,900	221	27,237	24.10	656,390	292,020	24.07	7,023,840	68.40	480,926
1984	122,880	229	28,189	25.60	722,088	291,870	26.32	7,681,160	67.40	517,488
1985	124,580	240	29,898	24.20	722,195	285,500	27.03	7,777,130	66.30	475,709
1986 ⁴	126,810	248	31,402	26.60	835,315	252,060	29.23	7,368,290	63.90	472,538

¹ For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 19 in 1973, and 44 in 1977. For processing, excluding 200,000 tons not marketed in 1976.

² Price and value of f.o.b. basis.

³ Price and value at processing plant door.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 238.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1984-86

Utilization and State	Area			Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
FOR FRESH MARKET									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AL.....	8,100	8,050	2,800	285	305	280	24.70	25.00	17.00
AR.....	1,900	1,700	1,600	180	340	460	30.40	22.50	22.40
CA:									
Desert.....	1,800	1,500	1,400	405	330	322	25.40	18.30	29.80
Other.....	26,100	27,100	27,200	7,047	7,453	7,616	25.30	19.40	22.20
FL.....	47,100	47,100	51,900	13,886	14,130	15,836	26.60	29.00	31.00
GA.....	2,800	3,100	2,700	252	279	270	25.00	18.10	19.70
IN.....	1,100	1,100	1,100	138	143	165	27.00	22.50	23.00
LA.....	340	360	380	29	31	38	39.50	36.50	36.00
MD.....	2,400	2,500	2,400	288	400	489	17.00	18.80	16.00
MA.....	660	670	590	152	164	127	27.00	27.00	55.00
MI.....	3,500	3,200	3,000	420	320	285	28.80	17.20	21.90
NJ.....	6,000	6,300	6,200	570	725	682	24.10	27.20	23.10
NY.....	3,000	2,800	2,200	330	392	286	28.20	27.20	29.90
NC.....	1,700	1,800	1,600	247	270	232	18.80	14.80	15.20
OH.....	1,400	2,300	2,500	266	575	675	29.00	20.00	25.70
PA.....	4,500	4,800	4,300	765	768	602	16.00	15.60	17.20
SC.....	4,700	4,200	4,000	1,128	1,155	1,200	20.50	16.00	16.50
TN.....	4,200	4,500	5,000	840	1,260	1,050	23.00	19.00	20.00
TX.....	3,900	3,800	3,000	332	228	240	20.50	17.00	24.10
VA.....	2,400	2,400	2,700	552	552	554	30.10	21.00	28.70
Total.....	122,600	124,280	126,570	28,112	29,820	31,334	25.60	24.10	26.60
HI.....	280	300	240	77	78	68	40.30	40.20	41.00
US ²	122,880	124,580	126,810	28,189	29,898	31,402	25.60	24.20	26.60
FOR PROCESSING									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
CA.....	239,700	217,000	210,400	6,591,750	6,102,040	6,480,320	64.80	64.10	62.20
CO.....	990	860	650	13,820	17,300	10,840	79.70	71.10	67.60
DE.....	820	1,100		14,830	13,940		76.50	72.10	
IN.....	7,600	6,800	6,400	162,030	140,080	138,110	84.60	79.20	81.10
MD.....	2,900	2,300	1,800	52,580	41,170	24,800	76.70	72.70	69.60
MI.....	7,400	6,600	5,400	173,900	166,320	133,380	84.00	80.00	76.00
NJ.....	4,000	4,200	3,000	78,640	92,190	52,250	80.40	75.00	72.80
OH.....	15,900	15,900	14,800	389,550	404,970	384,500	83.10	77.20	74.80
PA.....	3,200	2,800	2,900	59,850	54,460	51,100	79.90	75.50	72.50
VA.....	1,200	1,400		14,400	25,200		81.80	80.90	
Other States ²	8,060	6,540	6,710	129,830	119,460	117,680	85.50	88.80	81.30
US.....	291,870	265,500	252,060	7,681,160	7,177,130	7,393,290	67.40	66.20	63.90
Grand total.....	414,750	390,080	378,870	9,090,610	8,672,030	8,963,390	136.00	138.00	146.00

¹ Preliminary.² Due to program modifications, yearly data are only available.³ 1984-85—Florida, Illinois, Iowa, New Mexico, New York, North Carolina, South Carolina, Texas, Utah, and West Virginia. 1986—Delaware, Florida, Illinois, Iowa, New Mexico, New York, North Carolina, South Carolina, Texas, Utah, and Virginia.

National Agricultural Statistics Service.

Table 239.—Tomatoes: Foreign trade, United States, 1972-85

Year beginning July	Imports			Domestic exports				
	Fresh	Canned ¹	Paste	Fresh	Canned ²	Catsup and sauces	Paste ³	Juice
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1972.....	739,170	126,287	127,941	147,574	22,761	15,200	10,617	18,316
1973.....	611,481	72,396	82,714	153,183	25,401	16,538	45,286	11,413
1974.....	543,734	64,774	25,811	194,183	22,015	19,049	44,535	22,442
1975.....	629,975	76,531	30,925	199,072	34,293	39,283	24,945	26,094
1976.....	791,134	74,505	73,957	178,395	24,190	14,967	20,937	48,524
1977.....	828,748	75,873	56,538	199,556	26,457	16,563	31,638	37,582
1978.....	710,578	56,944	50,085	239,715	29,564	17,019	23,568	28,742
1979.....	687,575	31,389	31,692	256,061	44,489	21,717	40,861	26,204
1980.....	282,494	54,491	29,415	222,154	32,501	26,662	28,064	26,607
1981.....	686,672	156,844	182,734	189,332	25,826	26,676	17,575	30,351
1982.....	493,958	151,296	151,980	173,975	16,638	26,551	24,234	18,944
1983.....	784,787	245,126	179,479	170,878	13,900	39,274	22,577	8,697
1984.....	836,108	233,553	94,384	150,085	12,335	21,210	18,946	1,392
1985.....	915,963	199,405	139,089	133,022	17,136	16,724	18,601	1,288

¹ Includes "otherwise prepared," if any.² Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 243

¹ Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.² Preliminary.³ Data series discontinued in 1982. Continued in 1984.⁴ Includes table stock.

Economic Research Service.

Table 240.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1986¹

Commodity	Baltimore *			Boston *			New York *			Philadelphia		
	Rail, boat, and air	Motor- truck *	Total	Rail, boat, and air	Motor- truck *	Total	Rail, boat, and air	Motor- truck *	Total	Rail, boat, and air	Motor- truck *	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:												
Artichokes.....		11	11	4	17	21	7	61	68	2	13	15
Asparagus.....		31	31		78	78	40	75	115		49	49
Beans.....		75	75		115	115	31	142	173		77	77
Beets.....					12	12		24	24		7	7
Broccoli.....	35	156	194	236	140	376	382	259	641	108	169	277
Brussels sprouts.....		5	5		8	8	6	4	10		4	4
Cabbage.....	3	348	351		454	454	47	401	448	8	328	336
Carrots.....	70	153	223	438	192	680	539	270	809	104	179	283
Cauliflower.....	11	110	121	33	111	144	84	121	205	9	113	122
Celery.....	55	286	350	438	288	716	452	392	844	116	262	378
Chinese cabbage.....		9	9		28	28		22	22		7	7
Corn, sweet.....	14	173	187	59	239	296	44	185	229	53	142	195
Cucumbers.....		251	251	3	686	689	35	528	563	4	291	296
Eggplant.....		25	25		62	62	27	147	174		49	49
Escarole/endive.....		17	17		86	86	22	197	129		41	41
Garlic.....		4	4		7	7	1	14	15	1	8	9
Greens.....		71	71		123	123		159	159		84	84
Lettuce, iceberg.....	272	791	1,063	1,686	786	2,481	2,191	1,025	3,216	925	830	1,755
Lettuce, romaine.....		79	79		172	172		175	175		92	92
Lettuce, other.....		66	66		171	171		109	109		60	60
Mixed vegetables.....	50		50	271		271	645		645	111		111
Mushrooms.....		12	12		99	99		86	86		26	26
Okra.....		1	1				15	39	45		2	2
Onions, dry.....	161	496	659	336	678	1,016	716	617	1,333	198	478	671
Onions, green.....		23	23		38	38	73	48	121	7	27	34
Parsley.....		11	11		26	26		42	42		16	16
Peas, green.....		1	1		3	3		10	10		4	4
Peas, other.....		2	2	9	1	10	31	4	35		1	1
Peppers, bell.....		182	182	11	461	462	35	281	316	6	267	273
Peppers, other.....					10	10	52	140	192		6	6
Potatoes, table.....	239	1,117	1,347	1,009	2,315	3,324	1,796	1,585	3,369	596	1,289	1,884
Potatoes, chipper.....	1	160	161	89		89						
Potatoes, seed.....		5	5		16	16	2	2	4		8	8
Pumpkins.....		21	21	7	52	59		33	33		27	27
Radishes.....		19	19		89	89		72	72		17	17
Spinach.....		74	74		349	349	53	307	360		83	83
Squash.....		91	91		114	114		197	197		72	72
Sweet potatoes.....		568	579	180	1,043	1,223	512	580	1,042	121	548	664
Tomatoes.....	11	43	43		55	55		29	29		42	42
Turnips-rutabagas.....		8	8		59	59		24	24		10	10
Vegetables, other.....							6	9	15			
Total.....	916	5,506	6,422	4,830	9,220	14,050	7,846	8,266	16,112	2,363	5,703	8,066
Melons:												
Cantaloupe.....	26	329	355	260	482	742	425	520	945	100	351	451
Honeydew.....	9	151	160	46	183	229	265	208	473	29	133	162
Mixed and miscellaneous.....		18	18	19	45	64	70	58	128		31	31
Watermelons.....	21	327	348	56	589	645	295	510	805	182	423	605
Total.....	56	835	891	381	1,299	1,680	1,055	1,294	2,349	311	938	1,249
Grand total.....	972	6,341	7,313	5,211	10,519	15,730	8,901	9,560	18,461	2,674	6,641	9,315

¹ Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1983-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

* Includes Washington.

* Includes Newark.

* Estimated percentages of completeness for reported truck arrivals for 1986 are as follows: Baltimore 90, Boston 95, New York 85, and Philadelphia 90.

Agricultural Marketing Service.

VEGETABLES AND MELONS

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Table 241.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1986 ¹

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ²		
	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:												
Artichokes.....		2	2	15	16	31	121	121		106	106	
Asparagus.....		8	8	28	36	64	87	70		97	100	
Beans.....		75	75	2	48	50	182	182		117	117	
Beets.....					5	5	64	64		12	12	
Broccoli.....		113	113	220	129	349	557	557		291	291	
Brussels sprouts.....				26	6	32	45	45		24	24	
Cabbage.....		442	442	3	340	343	816	816		349	349	
Carrots.....	4	202	206	228	221	459	1,024	1,024		471	471	
Cauliflower.....		53	53	115	105	220	270	270		109	109	
Celery.....	3	153	156	486	254	742	1,165	1,165		419	419	
Chinese cabbage.....		14	14		11	11	184	185		130	130	
Corn, sweet.....		188	188		253	253	538	538		292	292	
Cucumbers.....		169	169	7	259	266	585	585		253	253	
Eggplant.....		11	11		24	24	133	133		60	60	
Escarole/endive.....		11	11		20	20	45	45		12	12	
Garlic.....					6	6	10	10		29	29	
Greens.....		202	202		131	131	295	295		75	75	
Lettuce, iceberg.....		755	755	1,507	1,004	2,511	1,929	1,929		986	986	
Lettuce, romaine.....		35	35		44	44	382	382		167	167	
Lettuce, other.....		50	50		49	49	359	359		273	273	
Mixed vegetables.....				590		590						
Mushrooms.....		39	39		109	109	208	208		153	153	
Okra.....		12	12		9	9	45	45		8	8	
Onions, dry.....	70	882	952	155	686	841	2,418	2,435		1,095	1,095	
Onions, green.....		29	29	30	36	66	127	127		102	102	
Parsley.....		4	4		13	13	67	67		34	34	
Pean, green.....							14	14		12	12	
Pean, other.....		9	9		1	1	100	102		17	17	
Peppers, bell.....		92	92	3	208	211	512	513		304	304	
Peppers, other.....					14	14	171	171		28	28	
Potatoes, table.....	281	1,517	1,798	523	2,043	2,566	5,470	5,623		2,116	2,116	
Potatoes, chipper.....	72	252	324	21	154	175				543	543	
Potatoes, seed.....		2	2									
Pumpkins.....		15	15	1	5	6	12	12		28	28	
Radishes.....		15	15		26	27	167	167		79	79	
Spinach.....		38	38		59	59	197	197		107	107	
Squash.....		105	105		66	66	904	904		313	313	
Sweet potatoes.....		139	139		106	106	155	155		135	135	
Tomatoes.....		610	610	32	884	916	2,415	2,415		924	924	
Tomatoes, cherry.....		21	21		38	38	164	164		56	56	
Turnip-rutabagas.....		33	33		10	10	89	89		21	21	
Vegetables, other.....							50	50		14	14	
Total.....	430	6,299	6,729	3,964	7,432	11,396	177	21,751	21,928	3	10,458	10,461
Melons:												
Cantaloups.....	1	343	344	318	428	746	1,302	1,302		618	618	
Honeydews.....		90	90	102	119	221	719	726		232	232	
Mixed and miscellaneous.....		7	7	27	32	59	188	128		77	77	
Watermelons.....		494	494		508	508	1,452	1,452		340	340	
Total.....	1	934	935	447	1,087	1,534	8	3,510	3,518		965	965
Grand total.....	431	7,233	7,664	4,411	8,519	12,930	185	25,261	25,446	3	11,423	11,426

¹ Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

² Includes Oakland.

³ Estimated percentages of completeness for reported truck arrivals for 1986 are as follows: Atlanta 90, Chicago 90, Los Angeles 85, and San Francisco 90.

Agricultural Marketing Service.

Table 242.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1986¹

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:													
Artichokes.....	43	82	228	101	38	33	55	25	31	56	61	44	797
Asparagus.....	43	145	321	349	250	58	1	1	3	1			1,172
Beans.....	113	91	108	153	180	63	39	20	27	72	164	136	1,166
Beets.....	10	9	20	17	3							14	81
Broccoli.....	933	677	674	618	691	600	539	523	569	736	777	751	8,088
Cabbage.....	1,327	1,352	1,687	1,453	1,139	340	442	875	800	655	685	1,122	11,907
Carrots.....	1,218	1,176	1,386	1,420	1,306	1,145	963	853	983	865	1,042	1,139	13,496
Cauliflower.....	669	444	466	481	491	414	352	356	355	501	551	497	5,587
Celery.....	1,586	1,443	1,412	1,200	1,476	1,396	1,160	897	943	1,249	1,744	1,628	16,136
Chin. se cabbage.....	32	21	25	23	13	1				1	6	27	149
Corn, sweet.....	103	50	75	330	1,659	1,125	750	517	156	138	232	150	5,285
Cucumbers.....	127	75	140	842	1,100	542	261	528	450	523	646	261	5,495
Eggplant.....	56	31	24	54	79	62	18	9	8	41	73	58	513
Escarole- endive.....	66	47	65	59	39					2	37	53	368
Greens.....	238	222	239	159	71	3			2	24	117	220	1,295
Lettuce, iceberg.....	5,625	4,258	4,688	5,116	5,575	5,117	4,793	5,026	4,646	5,386	4,069	4,318	58,597
Lettuce, romaine.....	203	154	128	179	214	184	196	227	230	225	150	197	2,287
Lettuce, other.....	185	136	108	170	216	210	239	234	241	218	129	153	2,234
Mixed vegetables.....	125	90	91	128	121	121	107	81	68	106	105	104	1,247
Okra.....	2	1	4	8	31	25	11	5	3	11	23	7	131
Onions, dry.....	2,575	2,049	1,860	2,534	2,903	2,371	2,797	2,472	2,603	2,290	2,533	2,904	29,804
Onions, green.....	61	44	63	68	102	88	86	93	86	115	56	42	904
Parsley.....	25	22	34	32	14	2				1	19	35	184
Peas, other.....	4	3	5	6	8	3	1		1	2	5	4	42
Peppers, bell.....	234	147	222	439	771	578	448	273	398	475	537	461	4,983
Peppers, other.....	54	55	33	61	56	38	13	4	8	10	37	43	412
Potatoes, table.....	9,824	8,616	9,200	9,293	9,426	8,199	6,593	7,596	8,007	8,615	8,448	9,775	103,592
Potatoes, chipper.....	1,341	1,492	1,982	2,336	3,689	2,456	1,015	1,269	940	1,371	1,874	1,939	21,704
Potatoes, seed.....	524	547	1,779	3,058	1,409	80				10	140	367	7,914
Radishes.....	116	101	123	138	132	29	19	14	17	87	111	111	998
Spinach.....	103	84	71	16	38	44	44	44	41	34	43	72	634
Squash.....	105	91	174	346	200	37	5	5	12	133	222	138	1,468
Sweet potatoes.....	321	317	480	259	218	178	151	118	270	384	749	415	3,860
Tomatoes.....	1,347	954	1,113	1,849	3,156	2,776	2,328	1,541	1,448	1,858	1,878	2,155	22,403
Tomatoes, cherry.....	15	7	11	29	85	129	94	50	26	39	72	41	598
Turnips- rutabagas.....	29	26	28	30	24	11	5	3	4	6	8	15	189
Vegetables, other ²			36	34									70
Total.....	29,382	25,069	29,107	33,418	36,923	28,460	23,525	23,639	23,361	26,733	27,108	29,025	335,740
Melons:													
Cantaloups.....		1		5	8,196	8,391	3,986	3,315	1,601	1,083	329	18	16,875
Honeydews.....	12	14		22	553	859	1,008	1,170	829	382	132	33	5,914
Mixed and miscellane- ous.....	4				15	74	220	178	115	60	41	15	722
Watermelons.....	1			133	5,006	7,701	5,407	1,228	233	19	82	36	19,846
Total.....	17	15		160	8,770	12,025	10,621	5,891	2,778	1,494	584	102	42,457
Grand total.....	29,399	25,074	29,107	33,578	45,893	40,485	34,146	29,530	26,139	28,227	27,692	29,127	378,197

¹ Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275.

² Not otherwise specified.

Agricultural Marketing Service.

Table 243.—Vegetables (fresh), melons, potatoes, sweet potatoes, dry edible beans, and dry field peas: Per capita civilian utilization (farm-weight basis), United States, 1972-86 ¹

Year	Tomatoes	Asparagus	Broccoli	Carrots	Lettuce
	Pounds	Pounds	Pounds	Pounds	Pounds
1972	12.1	0.4	0.7	6.5	22.4
1973	12.5	.4	.8	6.7	22.1
1974	11.8	.4	.8	6.9	23.5
1975	12.0	.4	1.0	6.4	23.5
1976	12.6	.4	1.1	6.4	24.2
1977	12.4	.3	1.2	5.1	25.8
1978	13.2	.3	1.1	5.6	25.6
1979	12.8	.3	1.4	6.4	25.9
1980	13.4	.3	1.6	7.0	28.3
1981	13.2	.3	1.8	7.1	25.7
1982	13.4	(*)	2.2	7.3	25.6
1983	13.7	(*)	2.3	7.5	25.6
1984	15.3	.4	2.7	7.9	26.0
1985	16.1	.5	2.9	7.7	24.9
1986 ²	17.2	.7	3.5	7.8	23.2

Year	Cauliflower	Celery	Corn	Onions
	Pounds	Pounds	Pounds	Pounds
1972	.8	7.1	7.8	12.6
1973	.8	7.6	7.9	12.5
1974	.8	7.4	7.7	13.9
1975	.9	6.9	7.8	13.4
1976	1.0	7.4	8.2	13.1
1977	1.1	7.0	7.8	13.5
1978	.9	7.3	7.4	13.7
1979	1.3	7.4	7.3	14.7
1980	1.2	7.8	7.3	13.7
1981	1.6	7.7	7.2	13.1
1982	1.6	7.8	7.2	15.2
1983	1.7	7.4	7.4	15.3
1984	2.2	7.5	7.7	16.1
1985	2.2	7.4	7.5	16.7
1986 ²	2.5	7.1	7.1	17.9

Year	Honeydew melons	Total vegetables and melons	Potatoes ⁴	Sweet potatoes
	Pounds	Pounds	Pounds	Pounds
1972	1.1	71.6	56.6	5.8
1973	1.2	73.4	51.7	5.7
1974	1.1	74.2	50.8	4.6
1975	1.1	73.5	56.5	5.2
1976	1.1	75.4	47.0	7.0
1977	1.1	75.3	52.1	6.3
1978	1.6	76.6	51.3	5.5
1979	1.6	79.2	48.2	5.5
1980	1.5	80.6	48.5	6.1
1981	1.6	79.4	43.7	5.3
1982	2.0	82.4	49.2	5.2
1983	1.9	82.6	49.5	5.7
1984	1.8	87.6	44.9	6.2
1985	2.0	85.9	47.6	5.5
1986 ²	2.7	90.1	52.0	5.2

See footnotes on page 173.

Table 244.—Vegetables, canned: United States pack (24/303 basis) of selected items, 1972-86

Year	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles	Toma- toes
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1972.....	5,860	2,116	47,556	9,448	5,093	52,957	23,061	63,969	43,301
1973.....	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,086	45,431
1974.....	5,643	2,523	62,319	14,819	7,193	46,431	23,120	66,864	43,794
1975.....	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	53,465
1976.....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	42,614
1977.....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	60,871	54,124
1978.....	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,770	49,241
1979.....	2,819	3,061	66,281	14,990	6,923	60,022	36,492	74,925	52,896
1980.....	2,536	2,533	59,689	11,322	5,094	50,574	30,056	68,227	53,096
1981.....	2,844	2,602	52,906	9,555	4,639	57,949	27,296	64,443	51,587
1982.....	2,727	2,275	48,832	10,049	4,525	60,522	24,790	n.a.	42,968
1983.....	2,549	2,538	46,506	9,036	4,958	51,595	20,827	n.a.	37,597
1984.....	2,928	2,316	52,089	9,119	4,832	56,879	23,312	69,243	^a 43,170
1985.....	3,097	1,966	55,503	9,813	4,787	55,729	29,306	77,776	37,485
1986 ¹	3,874	1,788	48,540	8,880	4,486	55,090	20,919	71,347	38,438

¹ Preliminary.^a Data does not include concentrated crushed tomatoes published by California League of Processed Foods. n.a. not available.

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

FOOTNOTES FOR TABLE 249

¹ Preliminary.

Economic Research Service.

Table 245.—Vegetables, canned: Civilian per capita consumption (farm weight), United States, 1972-86 ¹

Year	Aspara- gus	Snap beans	Carrots	Peas	Tomato prod- ucts ²
	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	0.6	4.8	1.0	2.0	64.9
1973.....	.8	4.9	1.1	1.9	55.4
1974.....	.5	4.9	1.0	2.0	61.3
1975.....	.5	4.4	.9	1.9	61.9
1976.....	.5	4.9	1.0	1.9	66.6
1977.....	.4	4.8	1.0	1.8	62.8
1978.....	.4	4.8	.9	1.8	58.8
1979.....	.3	4.9	1.0	1.9	64.2
1980.....	.4	4.5	.9	1.8	63.6
1981.....	.4	4.6	.9	1.7	59.3
1982.....	n.a.	4.2	.8	1.7	60.1
1983.....	n.a.	4.0	.8	1.8	60.8
1984.....	n.a.	3.6	1.1	2.0	68.4
1985.....	.3	3.7	.9	2.1	62.1
1986 ³.....	.3	3.8	.9	2.2	63.4

Year	Corn	Pickles	Total ⁴
	Pounds	Pounds	Pounds
1972.....	15.0	6.0	94.5
1973.....	14.5	5.8	84.7
1974.....	13.5	5.7	88.8
1975.....	12.0	6.2	88.2
1976.....	13.1	6.1	98.2
1977.....	14.1	5.9	90.8
1978.....	13.2	6.0	86.3
1979.....	12.5	5.9	90.7
1980.....	12.9	5.6	90.3
1981.....	12.1	n.a.	79.6
1982.....	11.4	n.a.	78.2
1983.....	11.5	n.a.	79.2
1984.....	10.1	n.a.	85.0
1985.....	11.7	5.7	87.2
1986 ³	11.9	6.0	88.5

¹ Excludes soups and baby food. Civilian consumption only.² Includes paste, catsup, chili sauce, puree, and tomatoes.³ Preliminary.⁴ Totals may not add due to rounding.

n.a. not available.

Economic Research Service.

FOOTNOTES FOR TABLE 250

¹ See table 247 for items included. Excludes melons.² Excludes dehydrated onions.³ See tables 244 and 249 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweet potatoes, canned baby foods, and canned soups.⁴ Preliminary.

Economic Research Service.

Table 246.—Vegetables, frozen: Commercial pack, United States, 1977-86

Commodity	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes ¹	1,660	363	1,790	984	1,693	1,419	1,075	1,643	1,202	1,417
Asparagus.....	22,474	15,427	23,989	11,232	11,229	16,968	13,599	15,099	19,990	18,908
Beans, butter.....	7,917	12,609	3,876	4,544	8,630	8,986	6,546	7,901	6,671	7,040
Beans, green, regular cut.....	142,239	161,085	162,000	155,996	160,020	190,658	162,690	158,413	179,349	170,694
Beans, green, French cut.....	82,633	96,117	91,686	71,713	78,639	82,485	78,825	81,355	82,544	63,892
Beans, green, wax.....	5,605	7,478	10,629	8,744	9,227	8,283	7,387	8,487	10,034	5,386
Beans, green, Italian.....	15,907	16,667	19,213	16,855	15,443	20,355	19,954	22,665	24,511	25,430
Beans, whole.....	5,376	7,043	9,022	7,473	9,534	11,896	14,308	20,275	19,576	22,130
Beans, baby lima.....	92,154	81,145	82,775	52,788	67,484	91,781	85,162	82,965	84,587	71,644
Beans, lima, Fordhook.....	45,204	35,110	41,498	33,120	21,356	31,941	28,005	39,494	32,490	29,211
Broccoli.....	314,395	276,519	298,618	290,657	305,755	335,516	285,358	365,764	366,806	324,519
Brussels sprouts.....	56,642	71,161	61,353	63,366	62,162	52,980	41,354	50,449	44,735	37,990
Carrots.....	263,769	238,415	263,080	191,151	269,845	296,679	212,500	255,585	254,586	270,363
Cauliflower.....	96,670	127,513	101,130	84,766	105,161	111,644	100,541	102,106	94,617	89,120
Celery.....	9,642	17,507	17,494	8,729	11,782	12,764	13,497	17,062	15,839	18,729
Collards.....	19,289	17,901	16,534	13,206	16,051	18,031	9,440	12,968	15,708	19,454
Corn, cut.....	290,773	306,155	310,648	270,531	313,982	455,714	367,272	323,977	360,297	364,891
Corn-on-cob.....	265,183	307,079	269,422	258,587	305,390	378,629	283,947	349,666	423,326	371,954
Kale.....	6,515	5,403	3,637	4,292	4,788	4,727	2,894	3,335	5,167	4,175
Mushrooms ²	10,465	8,848	14,193	14,708	22,074	23,443	24,539	24,457	28,609	32,410
Mustard greens.....	13,857	10,595	10,020	7,465	13,011	8,516	7,998	8,508	11,222	11,768
Okra.....	41,551	46,295	33,305	41,696	43,774	54,339	46,038	54,579	51,815	73,160
Onions.....	152,718	154,080	167,239	156,081	159,874	182,344	139,637	156,482	142,008	185,458
Peanut, blackeye.....	36,054	36,981	21,099	20,933	33,404	23,821	22,926	28,207	31,675	22,586
Peanut, green.....	339,954	357,717	427,461	315,577	333,888	404,830	354,480	423,740	485,985	373,605
Peppers, green and red ³	14,316	11,993	10,661	15,367	16,147	12,940	24,523	25,586	20,922	22,958
Potato products.....	3,622,823	3,848,810	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,782,894	5,118,102	5,149,148
Pumpkin and cooked squash.....	25,168	25,058	23,667	23,000	37,806	24,897	17,759	15,824	20,734	22,319
Rhubarb.....	8,626	4,856	7,899	8,444	6,483	6,787	3,402	5,271	6,647	6,106
Spinach.....	167,766	147,389	181,279	169,298	183,646	150,667	143,205	171,249	174,802	157,119
Squash, summer.....	41,598	43,826	38,149	36,737	46,833	65,179	62,738	66,467	67,458	75,994
Sweet potatoes and yams.....	11,091	15,483	14,961	16,135	19,993	30,822	9,719	13,749	18,677	13,683
Turnip greens.....	17,168	13,735	15,948	10,705	13,020	9,799	11,925	10,299	14,446	14,371
Turnip greens with turnips.....	25,331	23,511	23,210	21,321	19,243	19,750	23,290	19,215	20,639	19,417
Miscellaneous vegetables.....	9,296	11,850	7,922	9,890	7,682	14,411	7,208	5,252	3,144	6,399
Total.....	6,245,809	6,560,733	6,875,150	6,269,220	6,972,328	7,531,196	7,153,705	7,681,006	8,248,960	8,122,548

¹ Included in "Miscellaneous vegetables" prior to 1973.² Included in "Miscellaneous vegetables" prior to 1976.³ Included in "Miscellaneous vegetables" prior to 1972.

Economic Research Service. Data from American Frozen Food Institute.

Table 247.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1986

Commodity	East and South ¹	Midwest ²	West ³	Northwest ⁴	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes.....					1,417	1,417
Asparagus.....					* 18,008	18,008
Beans, butter.....	* 7,040					7,040
Beans, green, regular cut.....	57,316	22,278			91,100	170,694
Beans, green, French cut.....	31,394				32,498	63,892
Beans, wax.....		5,396				5,396
Beans, green, Italian.....	5,540		19,800			25,340
Beans, whole.....	9,119				13,011	22,130
Beans, baby lima.....		19,644			52,000	71,644
Broccoli.....		26,357			298,162	324,519
Brussels sprouts.....					37,990	37,990
Carrots.....	42,733	25,476		133,185	68,969	270,363
Cauliflower.....				* 24,489	64,631	89,120
Celery.....					18,729	18,729
Collards.....	19,454					19,454
Corn, cut.....	42,406	90,116	232,369			364,891
Corn-on-cob.....	57,238	130,376	304,340			391,954
Kale.....	4,175					4,175
Mustard greens.....	11,768					11,768
Okra.....	73,160					73,160
Onions.....			127,592			127,592
Peas, blackeye.....	22,586					22,586
Peas, green.....	55,719	100,895			216,991	373,605
Peppers, green and red.....			22,958			22,958
Potato products.....		1,394,720	2,934,368		10,000	5,149,148
Pumpkins and cooked squash.....	* 22,319					22,319
Rhubarb.....	* 6,106					6,106
Spinach.....	46,042				111,077	157,119
Squash, summer.....	75,994					75,994
Sweet potatoes and yams.....	13,683					13,683
Turnip greens.....	14,571					14,571
Miscellaneous vegetables.....	¹⁰ 6,399					6,399
Turnip greens with turnips.....	19,417					19,417
Mushrooms.....	32,410					32,410
Total.....	676,380	1,625,248	4,541,517	157,674	1,034,643	8,035,471

¹ Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. ² Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. ³ California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. ⁴ Idaho, Oregon, and Washington. ⁵ East, South, West, Washington, and California. ⁶ East, South, and West. ⁷ East, South, Midwest, and Northwest. ⁸ East, South, Midwest, and West. ⁹ East, South, and Midwest. ¹⁰ Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

Table 248.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1985 and 1986

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	158,418	150,779	88,636	80,134	154,464	163,938	403,480	450,699
February	185,750	129,580	91,122	89,260	142,100	147,623	353,309	383,096
March	111,393	108,632	89,571	87,152	128,094	143,909	301,441	316,787
April	94,549	93,087	97,859	74,884	117,083	123,996	237,033	260,590
May	76,863	78,399	112,532	80,195	105,650	113,702	187,099	210,631
June	75,177	71,150	133,257	105,780	96,090	100,190	143,063	162,571
July	142,850	136,643	136,407	123,028	93,494	92,705	120,475	136,596
August	236,556	231,016	139,469	144,299	94,671	89,619	315,192	324,013
September	249,682	237,804	121,990	135,592	93,574	95,700	574,891	565,815
October	219,228	221,846	107,326	125,584	139,982	154,525	616,876	606,821
November	196,034	200,997	86,992	118,320	194,817	210,759	564,899	546,706
December	171,884	182,613	79,405	106,146	180,809	208,728	510,603	490,756

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	72,339	91,899	75,525	74,872	33,768	37,483	96,423	40,112
February	64,029	83,976	72,656	72,353	26,851	33,717	82,798	37,294
March	56,955	74,353	60,690	63,063	48,358	50,668	31,476	32,794
April	47,922	64,593	52,749	55,065	105,483	90,633	28,856	28,333
May	41,813	56,907	44,975	45,119	119,437	89,235	26,041	24,158
June	35,181	48,315	41,451	39,737	108,464	84,080	22,908	21,677
July	31,991	41,072	41,121	32,812	96,273	76,748	20,166	18,024
August	56,741	55,545	42,662	39,500	83,563	69,128	17,343	14,359
September	116,141	90,377	48,403	49,621	78,640	62,225	17,996	15,271
October	117,950	95,755	72,900	68,927	66,434	65,595	34,216	22,748
November	111,390	82,489	82,128	80,426	62,190	56,264	44,695	30,299
December	103,804	71,085	81,051	80,705	52,633	45,936	44,447	30,541

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	23,843	27,166	208,957	277,296	1,645,455	1,828,771	900,007	906,961
February	34,282	29,640	175,712	242,328	1,489,574	1,678,130	943,384	950,361
March	25,406	30,944	145,141	208,615	1,333,747	1,516,676	1,003,290	1,017,253
April	22,059	32,596	132,368	185,085	1,249,413	1,392,251	1,023,644	1,075,671
May	20,107	34,530	120,333	164,019	1,188,015	1,281,053	1,081,589	1,126,526
June	19,304	34,235	228,352	227,592	1,269,518	1,300,882	1,058,439	1,096,554
July	25,823	36,241	429,052	307,374	1,565,296	1,436,921	828,240	958,142
August	27,407	37,391	457,145	396,948	1,954,127	1,886,999	735,419	733,444
September	23,271	33,142	431,648	355,786	2,238,029	2,133,405	861,447	771,232
October	35,596	34,850	385,900	317,676	2,299,599	2,265,332	1,014,193	904,143
November	28,714	35,756	353,362	284,148	2,204,174	2,161,280	1,020,159	941,165
December	27,434	35,715	314,974	249,865	2,021,944	1,977,572	1,012,309	894,052

National Agricultural Statistics Service.

Table 249.—Vegetables, frozen: Civilian per capita consumption (farm weight basis), United States, 1972-86

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	0.2	1.4	2.8	2.0	1.0
1973.....	.2	1.5	2.9	1.9	1.0
1974.....	.2	1.6	2.8	2.0	1.1
1975.....	.2	1.2	2.6	1.9	1.0
1976.....	.3	1.5	2.6	1.9	1.1
1977.....	.2	1.4	2.7	1.8	1.2
1978.....	.2	1.4	2.5	1.8	1.3
1979.....	.2	1.4	2.7	1.9	1.3
1980.....	.1	1.3	2.5	1.8	1.4
1981.....	.1	1.6	2.5	1.7	1.4
1982.....	n.a.	1.6	2.2	1.7	1.4
1983.....	n.a.	1.4	2.2	1.8	1.3
1984.....	.1	1.7	2.9	2.0	1.4
1985.....	.1	1.9	2.3	1.6	1.5
1986 ¹.....	.1	1.8	2.3	1.9	1.6

Year	Cauliflower	Corn, cut basis	Total vegetables excluding potatoes	Potato products	Grand total
	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	.5	5.5	13.4	30.4	49.8
1973.....	.6	6.0	14.0	31.6	45.6
1974.....	.7	5.9	13.8	34.7	48.5
1975.....	.6	5.8	13.1	36.7	49.8
1976.....	.6	5.9	13.8	39.5	53.3
1977.....	.7	6.6	14.4	42.5	56.9
1978.....	.8	6.8	14.5	42.0	56.5
1979.....	.7	7.7	15.7	40.2	55.9
1980.....	.8	7.2	15.0	36.4	51.4
1981.....	.9	7.2	15.6	37.7	53.3
1982.....	.9	7.3	14.6	40.0	54.6
1983.....	.9	8.2	15.6	39.0	54.6
1984.....	.9	8.6	17.3	41.7	59.0
1985.....	.9	9.0	17.4	45.3	62.7
1986 ¹.....	.9	9.0	17.6	45.3	62.9

See footnotes on page 178.

Table 250.—Commercially produced vegetables: Civilian per capita consumption, United States, 1972-86

Year	Farm weight equivalent					Percentage of annual total			
	Total fresh and processed	Fresh ¹ *	Processed ²			Fresh	Processed		
			Total	Canning	Freezing		Total	Canning	Freezing
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1972.....	179.5	71.6	107.9	94.5	13.4	39.9	60.1	52.6	7.5
1973.....	175.1	73.4	101.7	87.7	14.0	41.9	58.1	50.1	8.0
1974.....	176.9	74.2	102.7	88.9	13.8	41.9	58.1	50.3	7.8
1975.....	174.8	73.5	101.3	88.2	13.1	42.0	58.0	50.5	7.5
1976.....	200.2	75.4	107.0	93.2	13.8	37.7	53.5	46.6	6.9
1977.....	181.1	75.3	105.8	91.4	14.4	41.6	58.5	50.5	8.0
1978.....	177.5	76.6	100.9	86.4	14.5	43.2	56.9	48.7	8.2
1979.....	185.6	79.2	106.4	90.7	15.7	42.7	57.4	48.9	8.5
1980.....	185.8	80.6	105.2	90.2	15.0	43.4	56.6	48.5	8.1
1981.....	174.6	79.4	95.2	79.6	15.6	45.5	54.5	45.6	8.9
1982.....	175.5	82.4	93.1	78.5	14.6	47.0	53.0	44.7	8.3
1983.....	177.4	82.6	94.8	79.2	15.6	46.6	53.4	44.6	8.8
1984.....	189.9	87.6	102.3	85.0	17.3	46.1	53.9	44.8	9.1
1985.....	193.1	88.6	104.6	87.2	17.4	45.9	54.2	45.2	9.0
1986 ³	196.1	90.1	106.0	88.4	17.6	45.9	54.1	45.1	9.0

See footnotes on page 179.

CHAPTER V

STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity of fruit harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested or utilized because of economic and other reasons. Utilized production is the amount sold plus the quantities used on farms where grown and quantities held in storage. The difference between total and utilized production is the quantity of marketable fruit not harvested and fruit harvested but not sold or utilized because of economic and other reasons. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

Table 251.—Fruits and planted nuts: Bearing area, United States, 1972-86

Year	Citrus fruits ¹	Major deciduous fruits ²	Minor fruits ³	Planted nuts ⁴	Fruits and planted nuts	Year	Citrus fruits ¹	Major deciduous fruits ²	Minor fruits ³	Planted nuts ⁴	Fruits and planted nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1972	1,154.0	1,531.5	134.7	384.0	3,204.2	1980	1,143.0	1,607.5	242.4	563.1	3,556.0
1973	1,174.5	1,538.7	136.3	398.6	3,248.1	1981	1,129.8	1,599.3	249.0	559.3	3,537.4
1974	1,177.8	1,577.8	137.1	421.7	3,214.4	1982	1,116.1	1,658.5	198.4	577.6	3,551.6
1975	1,181.3	1,616.2	135.2	441.9	3,374.6	1983	1,084.0	1,698.8	204.5	596.5	3,580.8
1976	1,178.6	1,665.9	138.0	455.1	3,437.6	1984	1,002.5	1,710.7	208.9	622.9	3,545.0
1977	1,159.3	1,701.6	142.0	482.9	3,485.8	1985	894.1	1,735.4	211.1	656.9	3,497.5
1978	1,142.0	1,619.4	222.5	520.7	3,504.6	1986 ^a	805.1	1,739.7	213.5	664.2	3,422.5
1979	1,130.5	1,591.2	231.7	557.5	3,510.9						

¹ Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

² Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes.

³ Avocados, bananas, cranberries, dates, figs, kiwifruit (beginning 1980), olives, papayas, pineapples, and pomegranates.

⁴ Persimmons discontinued after 1977.

⁵ Almonds, filberts, macadamia nuts, and walnuts. Pistachios beginning 1977.

^a Preliminary.

National Agricultural Statistics Service.

Table 252.—Fruits: Production in tons, United States, 1972-86 ¹

Year	Apples, commercial crop ²	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	2,930	1,186	612	2,579	252	359	128	36	24
1973.....	3,133	1,296	730	4,196	246	783	158	42	70
1974.....	3,290	1,459	742	4,199	279	659	94	45	59
1975.....	3,765	1,418	748	4,366	301	656	163	38	67
1976.....	3,226	1,509	839	4,398	246	666	155	32	80
1977.....	3,370	1,478	782	4,296	254	727	147	42	43
1978.....	3,799	1,326	723	4,567	247	634	126	32	126
1979.....	4,063	1,469	855	4,989	269	661	144	29	62
1980.....	4,409	1,534	897	5,595	364	821	129	45	109
1981.....	3,870	1,385	897	4,458	221	765	89	38	45
1982.....	4,061	1,143	894	6,555	312	573	118	38	147
1983.....	4,189	928	775	5,596	259	674	94	34	61
1984.....	4,167	1,330	710	5,194	318	687	127	36	91
1985.....	3,961	1,074	747	5,607	276	648	132	33	96
1986 ³	3,946	1,163	766	5,226	250	490	55	47	112

Year	Or- anges ⁴	Tanger- ines ⁴	Grape- fruit ⁴	Lem- ons ⁴	Limes ⁴	Tange- los ⁴	Tem- ples ⁴	Strawber- ries, commercial crop	Pineap- ples
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	8,237	220	2,627	634	44	162	229	220	947
1973.....	9,737	323	2,676	844	42	140	230	240	810
1974.....	9,386	218	2,692	676	42	167	239	269	760
1975.....	10,241	228	2,504	1,118	44	212	239	275	730
1976.....	10,493	236	2,850	670	43	248	248	290	680
1977.....	10,546	249	3,032	968	40	216	171	331	690
1978.....	9,546	228	3,030	991	18	221	221	330	675
1979.....	9,160	237	2,757	745	29	189	212	319	681
1980.....	11,832	275	2,966	789	44	288	270	351	637
1981.....	10,487	239	2,759	1,169	46	221	162	371	636
1982.....	7,600	212	2,878	942	52	229	144	442	670
1983.....	9,519	226	2,447	953	68	171	211	447	722
1984.....	7,246	206	2,176	807	63	162	130	495	600
1985.....	6,734	139	2,255	980	72	162	146	509	565
1986 ⁵	7,512	149	2,349	697	64	133	133	510	646

Year	Avoca- dos ⁴	Nectar- ines	Cran- berries	Ba- nanas	Kiwi- fruit	Dates	Papay- as	Persim- mons	Pome- granates	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1972.....	89	87	104	3	.....	16	13	3	7	21,777
1973.....	74	87	105	4	.....	23	16	2	6	25,916
1974.....	127	117	112	3	.....	23	19	3	8	25,619
1975.....	87	111	104	3	.....	25	20	2	9	27,484
1976.....	141	128	120	3	.....	22	25	2	9	27,389
1977.....	118	155	106	3	.....	25	32	2	10	27,854
1978.....	146	148	123	3	.....	22	45	(*)	10	27,337
1979.....	102	172	124	3	.....	21	30	(*)	13	27,345
1980.....	269	191	135	2	5	22	37	(*)	17	32,073
1981.....	183	182	130	3	7	22	47	(*)	17	28,471
1982.....	237	178	152	3	16	24	42	(*)	16	27,588
1983.....	274	185	149	2	14	17	38	(*)	20	27,996
1984.....	230	183	166	5	18	22	60	(*)	20	25,251
1985.....	189	210	174	5	22	29	48	(*)	20	24,833
1986 ⁵	273	172	179	5	24	19	42	(*)	23	24,985

¹ For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. ² Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

³ Preliminary.

⁴ Year harvest was complete.

⁵ Year of bloom.

⁶ Estimates discontinued after 1977 crop.

National Agricultural Statistics Service.

Table 253.—Apples, commercial crop: ¹ Production and season average price per pound, by States, 1984-86

States	Total production			Utilized production			Price ² for crop of—		
	1984	1985	1986 ³	1984	1985	1986 ³	1984	1985	1986 ³
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
AR.....	8.0	16.0	10.0	7.0	15.0	9.5	13.7	11.6	13.3
CA.....	520.0	620.0	535.0	520.0	620.0	535.0	13.1	9.4	17.3
CO.....	65.0	110.0	18.0	65.0	110.0	17.6	11.1	9.5	9.7
CT.....	47.0	42.0	47.0	47.0	40.0	46.0	16.4	16.6	19.3
DE.....	24.0	19.0	27.0	23.5	19.0	27.0	9.2	8.7	9.1
GA.....	50.0	20.0	30.0	45.0	19.0	29.0	8.4	11.2	16.0
ID.....	135.0	131.0	94.0	134.0	131.0	94.0	18.3	19.6	22.2
IL.....	90.0	106.0	90.0	90.0	102.0	90.0	15.2	12.2	16.0
IN.....	64.0	75.0	37.0	64.0	75.0	37.0	13.1	13.1	18.6
IA.....	5.0	13.5	5.5	4.8	12.0	5.4	19.3	15.4	26.8
KS.....	5.0	15.0	3.0	4.8	12.8	2.9	16.5	11.6	23.9
KY.....	18.0	17.0	4.0	18.5	15.0	3.9	13.3	14.1	20.8
ME.....	70.0	85.0	88.0	70.0	82.0	86.0	18.1	16.3	19.2
MD.....	90.0	80.0	87.0	90.0	76.0	85.0	11.4	10.2	11.3
MA.....	97.0	89.0	95.0	97.0	85.0	92.0	19.6	18.3	19.6
MI.....	770.0	1,100.0	700.0	770.0	1,070.0	700.0	8.0	7.4	9.3
MN.....	15.0	23.0	19.0	15.0	21.0	18.0	23.5	22.0	30.5
MO.....	40.0	62.0	37.0	40.0	62.0	37.0	16.9	16.2	21.2
NH.....	50.0	56.0	50.0	50.0	55.0	50.0	18.6	18.6	20.0
NJ.....	110.0	105.0	100.0	110.0	103.0	100.0	12.7	11.8	12.4
NM.....	8.0	10.0	6.0	8.0	10.0	6.0	17.5	12.8	19.0
NY.....	1,020.0	1,090.0	900.0	1,020.0	1,079.0	900.0	11.2	7.0	10.1
NC.....	360.0	275.0	120.0	360.0	275.0	120.0	6.6	7.4	8.5
OH.....	135.0	145.0	90.0	135.0	145.0	90.0	16.1	14.4	17.8
OR.....	130.0	160.0	105.0	130.0	160.0	105.0	10.1	12.6	10.5
PA.....	575.0	585.0	620.0	575.0	585.0	620.0	9.2	9.4	8.3
RI.....	5.0	4.0	5.5	5.0	4.0	5.5	20.3	21.8	22.3
SC.....	45.0	16.0	30.0	43.0	15.0	30.0	12.2	11.0	13.5
TN.....	13.0	11.0	9.0	11.5	10.0	8.5	16.1	13.6	18.6
UT.....	45.0	57.0	34.0	45.0	55.0	34.0	10.3	12.1	13.8
VT.....	41.0	49.0	49.0	41.0	47.0	48.0	14.5	16.5	17.7
VA.....	465.0	395.0	460.0	465.0	388.0	450.0	9.7	9.8	9.7
WA.....	2,950.0	2,050.0	3,100.0	2,950.0	2,050.0	3,100.0	11.1	17.0	15.8
WV.....	225.0	230.0	230.0	225.0	230.0	230.0	10.6	9.8	10.6
WI.....	53.0	60.0	56.0	51.0	56.0	53.0	22.0	14.0	17.1
US.....	8,333.0	7,921.5	7,891.0	8,318.1	7,833.8	7,865.3	11.2	11.7	13.6

¹ In orchards of 100 or more bearing-age trees.² Preliminary.³ Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. National Agricultural Statistics Service.

Table 254.—Apples: Production and value, United States, 1972-86

Year	Apples, commercial crop ¹				Year	Apples, commercial crop ¹			
	Total production	Utilized production	Season average price ²	Value		Total production	Utilized production	Season average price ²	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1972.....	5,878.8	5,867.5	6.43	377,475	1980.....	8,818.4	8,800.4	8.7	761,335
1973.....	6,265.0	6,251.5	8.80	548,965	1981.....	7,739.6	7,692.9	11.1	851,132
1974.....	6,579.7	6,529.8	8.40	551,600	1982.....	8,122.0	8,110.2	10.0	809,004
1975.....	7,530.0	7,102.6	6.5	460,894	1983.....	8,578.5	8,357.9	10.5	879,322
1976.....	6,472.2	6,466.9	9.1	586,473	1984.....	8,333.0	8,318.1	11.2	927,622
1977.....	6,739.6	6,710.0	10.6	708,631	1985.....	7,921.5	7,833.8	11.7	915,607
1978.....	7,596.9	7,544.0	10.4	781,350	1986 ³	7,891.0	7,865.3	13.6	1,068,326
1979.....	8,126.1	8,101.2	10.9	861,237					

¹ In orchards of 100 or more bearing-age trees.

² Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.

³ Preliminary.

National Agricultural Statistics Service.

Table 255.—Apples, fresh (dessert and cooking): Production in specified countries, 1983/84-1986/87 ¹

Continent and country	1983/84	1984/85	1985/86	1986/87 ²	Continent and country	1983/84	1984/85	1985/86	1986/87 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:					Other Europe—Con.				
Canada ³	485	434	479	405	Norway.....	51	47	64	44
Mexico.....	302	486	440	629	Sweden ³	42	37	38	39
United States ³	3,800	3,780	3,593	3,590	Switzerland ³	115	159	127	153
Total.....	4,587	4,700	4,512	4,834	Turkey.....	1,750	1,900	1,900	1,950
					Yugoslavia.....	557	564	368	605
South America:					Total.....	3,919	4,091	3,705	4,111
Argentina.....	872	922	594	1,000	Total Europe.....	11,095	12,416	11,082	12,013
Chile.....	410	450	530	566					
Total.....	1,282	1,372	1,124	1,566	Africa:				
European Community:					South Africa.....	513	537	516	525
Belgium.....					Total.....	513	537	516	525
Luxembourg.....	203	231	221	243					
Denmark ³	47	54	45	56	Asia:				
France.....	1,575	2,005	1,798	1,862	Japan.....	1,048	812	910	944
Germany, Fed. Rep. of.....	1,313	1,799	1,410	1,885	Total.....	1,048	812	910	944
Greece.....	312	321	257	315					
Italy.....	2,057	2,241	2,120	1,990	Oceania:				
Netherlands.....	364	368	270	374	Australia.....	267	352	290	341
Spain.....	1,012	970	968	871	New Zealand.....	256	266	310	340
United Kingdom.....	293	316	273	306	Total.....	523	638	600	681
Total EC.....	7,176	8,325	7,377	7,902	Total specified countries.....	19,048	20,495	18,744	20,347
Other Europe:									
Austria.....	263	276	241	270					
Hungary.....	1,141	1,068	967	1,050					

¹ May include some cider varieties in countries not reporting separately.

² Preliminary.

³ Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 256.—Apples, commercial crop: Production and utilization, United States, 1972–86

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	^a 1,164.7
1973.....	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	^a 949.8
1974.....	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	^a 1,234.8
1975.....	7,590.0	7,102.6	4,357.0	1,026.7	229.5	206.6	^a 1,282.8
1976.....	6,472.2	6,466.9	3,915.8	919.9	229.3	220.4	^a 1,181.5
1977.....	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	^a 1,388.1
1978.....	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	^a 1,581.0
1979.....	8,126.1	8,101.2	4,288.6	1,336.7	255.7	136.6	^a 2,063.6
1980.....	8,818.4	8,800.4	4,934.1	1,202.4	194.7	167.5	^a 2,301.7
1981.....	7,739.6	7,692.9	4,442.2	1,002.4	190.0	172.7	^a 1,885.6
1982.....	8,122.0	8,110.2	4,536.7	1,248.6	209.9	190.8	^a 1,924.2
1983.....	8,378.5	8,357.9	4,620.5	1,294.4	283.3	169.6	^a 2,080.1
1984.....	8,353.0	8,318.1	4,866.1	1,176.7	288.6	198.1	^a 1,988.6
1985.....	7,921.5	7,883.8	4,228.2	1,275.4	242.4	174.3	^a 1,915.5
1986 ^a	7,891.0	7,865.3	4,562.6	1,194.0	225.4	257.3	^a 1,626.0

¹ Includes "Home use."² Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.³ Includes the following quantities of juice and cider (million pounds): 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,108.1; 1977—1,267.2; 1978—1,494.6; 1979—1,963.8; 1980—2,136.9; 1981—1,796.4; 1982—1,807.8; 1983—1,964.7; 1984—1,896.3; 1985—1,841.6; and 1986—1,533.1.^a Preliminary.

National Agricultural Statistics Service.

Table 257.—Apples, commercial crop: Production and utilization, by States, crop of 1986 (preliminary)

State	Total production	Utilized production	Utilization					
			Fresh ¹	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other ²
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
CA.....	535.0	535.0	245.0	59.0	33.0	(³)	196.0	(³)
MI.....	700.0	700.0	225.0	140.0	(³)	110.0	210.0	15.0
NY.....	900.0	900.0	360.0	275.0	(³)	(³)	230.0	(³)
OR.....	105.0	105.0	77.0	(³)	(³)	(³)	9.5	(³)
PA.....	620.0	620.0	136.0	319.4	(³)	4.8	155.0	4.8
VA.....	460.0	450.0	182.0	(³)	(³)	(³)	(³)	(³)
WA.....	3,100.0	3,100.0	2,440.0	108.0	(³)	(³)	334.0	(³)
WV.....	230.0	230.0	87.7	75.3	(³)	34.2	32.7	.1
Other States ⁴	1,241.0	1,225.3	809.9	217.3	192.4	108.3	363.9	73.0
US.....	7,891.0	7,865.3	4,562.6	1,194.0	225.4	257.3	1,533.1	92.9

¹ Includes "Home use."² Mostly vinegar, wine, and jam.³ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.⁴ Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

National Agricultural Statistics Service.

Table 258.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1983/84-1985/86

Country	Year beginning July			Country	Year beginning July		
	1983/84	1984/85	1985/86		1983/84	1984/85	1985/86
EXPORTS				EXPORTS			
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Netherlands Antilles.....	1,133	948	682
Finland.....	3,285	3,445	3,653	Trinidad and Tobago.....	1,975	1,226	646
France.....	0	0	671	Other countries.....	75	174	82
Iceland.....	1,219	1,044	899	Total.....	5,513	4,530	3,253
Ireland.....	2,248	654	1,418				
Netherlands.....	2,165	445	531	Other countries:			
Norway.....	4,110	2,142	2,146	Canada.....	38,855	30,561	25,302
Sweden.....	2,906	2,480	2,401	Taiwan.....	37,538	35,542	30,085
United Kingdom.....	10,296	7,844	8,759	French Pacific Islands.....	418	267	339
Other countries.....	110	47	672	Hong Kong.....	23,500	29,720	22,930
Total.....	26,241	18,110	21,144	Indonesia.....	0	0	16
				Kuwait.....	2,398	3,328	560
Latin America:				Liberia.....	68	11	19
Brazil.....	17	582	91	Malaysia.....	16,678	12,536	8,179
Colombia.....	7,168	3,771	4,441	New Zealand.....	4,376	2,796	2,019
Costa Rica.....	587	761	590	Other Pacific Islands.....	18	6	0
El Salvador.....	100	213	111	Philippines.....	0	9	4
Guatemala.....	83	87	73	Saudi Arabia.....	27,764	28,384	8,284
Nicaragua.....	0	9	0	Singapore.....	10,228	12,608	11,358
Mexico.....	1,369	1,706	1,828	Thailand.....	3,571	5,138	3,052
Honduras.....	416	870	575	United Arab Emirates.....	15,581	15,547	4,329
Panama.....	2,201	2,990	3,052	Other countries.....	2,773	957	1,988
Surinam.....	0	10	0	Total.....	178,158	176,000	117,464
Venezuela.....	455	16	0				
Other countries.....	49	170	80	Grand total.....	222,360	200,835	152,792
Total.....	12,448	11,195	10,851				
				IMPORTS			
Bermuda and Caribbean:				Australia.....	563	412	1,584
Bahamas.....	188	237	37	Canada.....	44,225	32,219	42,236
Barbados.....	498	615	319	Chile.....	26,082	22,596	30,792
Bermuda.....	187	221	112	France.....	6,281	10,944	15,821
Dominican Rep.....	764	535	780	New Zealand.....	15,003	21,934	32,449
French West Indies.....	16	10	20	South Africa.....	11,785	15,431	17,027
Haiti.....	156	217	188	Other countries.....	457	940	6,465
Leeward and Windward Islands.....	521	847	487	Total.....	104,406	104,476	146,384

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 259.—Apples: ¹ Foreign trade, United States, 1972-85

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh ¹			Fresh	Dried, in terms of fresh ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1972.....	51,145	67,728	7,538	1980 *.....	76,831	311,288	7,592
1973.....	42,265	80,855	6,202	1981 *.....	128,295	269,228	8,348
1974.....	37,843	106,090	3,748	1982 *.....	95,732	281,802	16,062
1975.....	57,796	102,555	3,734	1983 *.....	126,030	228,677	12,002
1976 *.....	55,730	123,670	4,544	1984 *.....	132,632	205,244	9,252
1977 *.....	63,647	142,360	8,210	1985 *.....	100,878	147,128	5,490
1978 *.....	78,452	184,780	7,272				
1979 *.....	71,182	237,409	5,520				

¹ Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No re-exports reported. * Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 260.—Apricots: Production and value, United States, 1972-86 ¹

Year	Total production	Utilized production	Season average price per ton ²	Value	Year	Total production	Utilized production	Season average price per ton ²	Value
	Tons	Tons	Dollars	1,000 dollars		Tons	Tons	Dollars	1,000 dollars
1972.....	127,600	127,470	144.00	18,331	1980.....	129,600	129,000	291.00	37,505
1973.....	157,900	157,690	168.00	26,442	1981.....	89,400	89,380	311.00	27,765
1974.....	93,550	93,550	270.00	25,281	1982.....	118,200	118,060	304.00	35,933
1975.....	182,600	175,600	214.00	37,609	1983.....	93,800	93,800	315.00	29,519
1976.....	154,500	128,350	200.00	25,689	1984.....	127,200	117,060	308.00	36,981
1977.....	147,300	141,300	210.00	29,671	1985 ³	131,560	106,330	265.00	28,137
1978.....	126,200	126,200	249.00	31,364	1986 ³	55,090	54,900	416.00	22,639
1979.....	144,200	144,200	269.00	38,718					

¹ Production, price, and value for California, Utah, and Washington. ² Fresh fruit prices are equivalent packing house-door returns for California and Washington. Quantities processed are priced at the equivalent processing plant door level. ³ Preliminary.

National Agricultural Statistics Service.

Table 261.—Apricots: Production and season average price per ton, by States, 1984-86

State	Total production			Utilized production			Price ² for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
CA.....	123,000	128,000	50,000	113,000	103,000	50,000	302.00	255.00	370.00
UT.....	800	1,100	700	680	930	600	350.00	380.00	382.00
WA.....	3,400	2,400	4,300	3,400	2,400	4,300	490.00	628.00	772.00
Total.....	127,200	131,500	55,000	117,060	106,330	54,900	308.00	265.00	416.00

¹ Preliminary. ² Fresh fruit prices are equivalent packing-house-door returns for California and Washington. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 262.—Apricots, fresh: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
United States.....	115.4	119.3	62.7	Yugoslavia.....	19.3	27.0	16.0
Total.....	115.4	119.3	62.7	Total.....	601.8	606.9	529.4
South America:				Africa:			
Argentina.....	28.6	25.9	11.8	South Africa.....	40.6	25.5	40.5
Chile.....	13.5	14.0	15.0	Total.....	40.6	25.5	40.5
Total.....	42.1	39.9	26.8	Oceania:			
Europe:				Australia.....	23.6	24.5	26.6
France.....	81.7	102.5	113.4	New Zealand.....	8.0	9.4	9.0
Germany, Fed. Rep. of.....	2.1	1.8	1.8	Total.....	31.6	33.9	35.6
Greece.....	95.0	127.6	77.2	Total specified countries..	831.5	825.5	695.0
Italy.....	195.6	194.9	180.0				
Spain.....	208.1	153.1	141.0				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 263.—Apricots: Production and utilization, United States,¹ 1972-86

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ³	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
1972.....	127,600	127,470	10,050	93,020	18,000	5,400
1973.....	157,900	157,690	11,870	116,720	19,500	9,600
1974.....	93,550	93,550	8,450	62,500	17,000	5,600
1975.....	182,600	175,600	10,100	122,900	28,500	14,200
1976.....	154,500	128,350	12,660	76,290	29,300	10,100
1977.....	147,300	141,300	11,960	79,340	39,500	10,500
1978.....	126,200	126,200	9,200	78,500	30,900	8,500
1979.....	144,200	144,200	10,890	84,310	39,000	10,000
1980.....	129,000	129,000	13,130	80,870	27,100	7,900
1981.....	89,400	89,380	12,230	43,650	25,000	8,500
1982.....	118,200	118,060	10,810	62,250	33,000	12,000
1983.....	95,800	95,800	10,550	44,050	28,200	11,000
1984.....	127,200	117,080	15,780	67,500	22,500	11,500
1985.....	131,500	106,230	19,980	61,350	13,000	12,000
1986 ⁴	55,200	55,100	10,750	27,650	9,500	7,200

¹ California, Utah, and Washington.² Includes "Home use."³ Includes some quantities frozen or otherwise processed.⁴ Preliminary.

National Agricultural Statistics Service.

Table 264.—Apricots: Production and utilization, by States, crop of 1986 (preliminary)

State—	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned ¹	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
CA.....	50,000	50,000	6,300	27,000	9,500	7,200
UT.....	900	800	(²)	(²)		
WA.....	4,300	4,300	(²)	(²)		
US.....	55,200	55,100	10,750	27,650	9,500	7,200

¹ Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.² Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

National Agricultural Statistics Service.

Table 265.—Apricots: Foreign trade, United States, 1972-85

Year beginning July	Domestic exports				
	Fresh	Canned ¹	Dried ¹	Dried, in fruit salad ²	Total, in terms of fresh ³
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	1,513	2,504	834	195	8,596
1973.....	2,036	2,351	834	220	9,140
1974.....	1,316	658	533	216	5,635
1975.....	2,653	958	798	227	8,608
1976 ⁴	1,807	1,091	1,056	200	9,043
1977 ⁴	(^b)	1,242	(^b)	230	2,070
1978 ⁴	(^b)	2,249	(^b)	173	2,503
1979 ⁴	(^b)	927	(^b)	296	2,185
1980 ⁴	(^b)	1,499	(^b)	331	2,777
1981 ⁴	(^b)	956	(^b)	243	1,935
1982 ⁴	(^b)	1,012	(^b)	211	1,811
1983 ⁴	(^b)	410	(^b)	205	1,248
1984 ⁴	(^b)	344	(^b)	244	1,501
1985 ⁴	(^b)	369	(^b)	270	1,653

¹ Net processed weight.² Dried apricots are 12% percent of total dried fruit for salad.³ Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.⁴ Year beginning October.^b Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 266.—Avocados: Production, season average price per ton, and value, United States, 1972-73 to 1986-87

Season	California			Florida			California and Florida ³		
	Production ¹	Price ²	Value	Production ¹	Price ²	Value	Production ¹	Price ²	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1972-73.....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74.....	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75.....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76.....	58,400	1,037	60,561	23,000	400	11,600	87,400	826	72,161
1976-77.....	120,000	593	71,160	21,100	410	8,651	141,100	566	79,811
1977-78.....	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79.....	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80.....	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81.....	238,000	357	84,966	30,800	529	16,293	268,800	377	101,259
1981-82.....	157,000	689	108,173	25,800	501	12,926	182,800	662	121,099
1982-83.....	202,000	460	92,920	34,700	480	16,656	236,700	463	109,576
1983-84.....	247,000	370	91,390	27,000	460	12,420	274,000	379	103,810
1984-85.....	260,000	562	116,400	29,500	390	11,505	289,500	557	127,905
1985-86.....	160,000	1,000	160,000	28,500	576	16,416	188,500	936	176,416
1986-87 ⁴	248,000	578	143,344	24,700	412	10,176	272,700	563	153,520

¹ Production is the quantity sold or utilized.² Quantities processed are priced at the equivalent processing plant door level.³ Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida.⁴ Preliminary.

National Agricultural Statistics Service.

Table 267.—Avocados: Foreign trade, United States, 1972-85

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1972	885	1977 ¹	3,162	1982 ¹	936
1973	1,021	1978 ¹	1,725	1983 ¹	1,872
1974	1,506	1979 ¹	1,409	1984 ¹	3,107
1975	1,334	1980 ¹	1,351	1985 ¹	5,099
1976 ¹	1,994	1981 ¹	760		

¹ Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 268.—Bananas: Area, yield, production, price, and value, Hawaii, 1972-86

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1972	720	8.3	6,000	12.0	720	1980	580	7.9	4,600	23.9	1,099
1973	660	11.1	7,295	10.6	773	1981	650	9.2	6,000	25.7	1,542
1974	610	10.8	6,600	13.1	865	1982	720	8.0	5,750	28.6	1,645
1975	630	9.8	6,200	13.8	856	1983	860	5.2	4,470	31.2	1,395
1976	560	9.0	5,050	15.5	789	1984	870	10.2	8,900	30.0	2,670
1977	530	10.5	5,800	15.6	905	1985	840	9.7	8,160	30.3	2,472
1978	580	9.8	5,700	18.5	1,055	1986 ¹	980	9.9	9,790	30.0	2,910
1979	630	8.8	5,550	20.5	1,138						

¹ Preliminary.

National Agricultural Statistics Service.

Table 269.—Cherries: Production and value, United States, 1972-86

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton ¹	Value	Total production	Utilized production	Season average price per pound ¹	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1972.....	251,950	230,140	58,737	95,050	95,840	382.00	36,649	311.8	268.6	8.2	22,068
1973.....	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974.....	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975.....	300,960	278,760	88,486	155,710	155,710	407.00	63,398	290.5	246.1	10.2	25,088
1976.....	245,610	240,380	101,033	172,310	167,080	384.00	64,232	146.6	146.6	25.1	36,806
1977.....	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978.....	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979.....	269,380	269,230	191,687	184,180	184,030	604.00	111,182	170.4	170.4	47.2	80,505
1980.....	282,750	276,400	136,955	173,700	168,300	554.00	93,230	218.1	216.2	20.2	43,725
1981.....	221,140	213,920	160,054	154,540	147,520	685.00	100,994	183.2	132.8	44.5	59,060
1982.....	312,050	257,060	128,765	156,600	134,610	699.00	94,120	310.9	244.9	14.1	34,645
1983.....	258,500	245,565	177,794	181,200	168,765	630.00	106,288	154.6	153.6	46.6	71,506
1984.....	317,600	292,200	164,100	181,800	164,250	609.00	100,096	271.6	255.9	25.0	64,004
1985.....	275,600	266,600	163,881	132,500	126,500	799.00	101,033	286.2	280.2	22.4	62,848
1986 ^a	275,760	245,960	162,905	137,710	136,760	825.00	112,807	224.1	218.4	22.9	56,098

¹ Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ^a Preliminary. National Agricultural Statistics Service.

Table 270.—Cherries: Production and season average price, by States, 1984-86

State	Total production			Utilized production			Price ^a for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
SWEET VARIETIES									
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
CA.....	37,200	23,500	8,400	37,200	23,500	8,400	587.00	1,049.00	1,220.00
ID.....	2,800	2,200	2,300	2,400	2,100	2,300	460.00	983.00	857.00
MI.....	33,000	31,000	20,000	31,000	31,000	20,000	423.00	500.00	576.00
MT.....	2,300	4,600	1,600	1,400	3,500	1,000	666.00	644.00	480.00
NY.....	2,400	1,600	1,700	2,200	1,900	1,400	567.00	670.00	849.00
OR.....	31,000	29,000	38,000	25,500	27,000	38,000	491.00	621.00	663.00
PA.....	900	500	1,050	900	500	1,050	1,220.00	1,310.00	1,270.00
UT.....	4,200	2,200	2,100	3,850	2,100	2,100	489.00	773.00	714.00
WA.....	68,000	57,900	62,500	55,800	55,300	62,500	729.00	1,035.00	961.00
Total 9 States.....	181,800	132,500	137,710	164,250	126,500	136,760	609.00	799.00	825.00
TART VARIETIES									
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents per pound	Cents per pound	Cents per pound
CO.....	1.0	1.7	.9	1.0	1.7	.9	25.0	22.9	39.9
MI.....	210.0	220.0	170.0	195.0	215.0	165.0	25.4	21.9	23.4
NY.....	26.0	22.5	13.0	25.3	22.5	12.3	22.2	25.6	23.0
OR.....	1.6	6.5	6.0	1.8	6.5	6.0	25.4	24.0	16.0
PA.....	9.0	6.0	12.0	9.0	6.0	12.0	36.3	26.8	25.3
UT.....	12.0	21.0	18.5	12.0	21.0	18.5	24.0	23.0	19.1
WI.....	12.0	8.5	3.7	12.0	7.5	3.7	24.4	20.7	21.3
Total 7 States.....	271.6	286.2	224.1	255.9	280.2	218.4	25.0	22.4	22.9

¹ Preliminary. ^a Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 271.—Cherries, fresh: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada.....	15.8	14.6	13.0	Italy.....	158.6	157.0	145.0
United States.....	288.1	250.0	226.6	Spain.....	73.0	76.0	69.0
Total.....	303.9	264.6	239.6	Yugoslavia.....	160.0	190.0	130.0
				Total.....	840.0	796.8	709.8
South America:				Asia:			
Argentina.....	5.8	5.0	5.0	Japan.....	14.9	23.3	16.5
Chile.....	7.5	8.5	9.0	Total.....	14.9	23.3	16.5
Total.....	13.3	13.5	14.0				
Europe:				Oceania:			
France.....	119.0	100.8	86.4	Australia.....	3.5	5.1	5.8
Germany, Fed. Rep. of.....	295.4	248.8	249.4	Total.....	3.5	5.1	5.8
Greece.....	29.0	23.2	30.0	Total specified countries...	1,175.6	1,102.3	985.7

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 272.—Cherries: Foreign trade, United States, 1972-85

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Fresh	Canned		Natural, sulfured, or in brine	Dried or preserved	Fresh	Canned
	Metric tons	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	Metric tons
1972.....	998	2,592	7,253	4,290	1980 ¹	297	157	9,597	2,810
1973.....	417	1,357	5,817	1,117	1981 ¹	445	233	9,257	1,881
1974.....	119	1,516	6,995	1,182	1982 ¹	942	381	7,831	1,726
1975.....	129	756	6,683	931	1983 ¹	1,675	550	7,937	1,767
1976 ¹	76	582	5,426	1,417	1984 ¹	2,629	1,078	7,101	1,572
1977 ¹	103	103	7,200	1,697	1985 ¹	4,575	1,889	11,434	2,449
1978 ¹	1,164	568	10,686	2,395					
1979 ¹	646	117	9,095	2,677					

¹ Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 274

¹ Includes "Home use."² Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.³ Idaho, Montana, New York, Pennsylvania, and Utah.⁴ Colorado, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

National Agricultural Statistics Service.

Table 273.—Cherries: Production and utilization, United States,¹ 1972-86

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ^{3,4}	Frozen	Brined ⁵
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
1972	96,050	95,840	41,668	11,017		43,155
1973	158,630	154,630	82,839	16,948		54,843
1974	146,980	146,980	67,516	25,864		53,600
1975	155,710	155,710	77,300	14,520		63,890
1976	172,310	167,060	94,510	21,180		51,290
1977	148,920	148,420	72,320	21,990		54,110
1978	156,780	156,780	66,670	28,060		62,060
1979	184,180	180,030	86,030	23,300		74,700
1980	173,700	168,300	86,460	23,340		59,500
1981	154,540	147,520	71,738	20,765		55,017
1982	156,600	134,610	67,610	21,350		45,650
1983	181,200	168,765	95,090	28,402		45,273
1984	181,800	164,250	90,490	23,310		50,450
1985	132,500	126,500	53,040	22,050		51,410
1986 ⁶	137,710	136,760	68,620	17,900		50,240
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972	311.8	268.6	6.3	96.1	166.2	
1973	174.6	173.4	5.4	51.9	116.1	
1974	264.9	264.6	4.4	97.6	162.6	
1975	290.5	246.1	7.2	89.7	149.2	
1976	146.6	146.6	6.0	42.4	96.2	
1977	210.9	210.9	6.1	65.5	139.3	
1978	181.2	181.2	5.0	49.9	126.3	
1979	170.4	170.4	4.3	49.8	116.3	
1980	218.1	216.2	6.3	74.5	135.4	
1981	133.2	132.8	4.0	41.3	87.5	
1982	310.9	244.9	7.4	76.7	160.8	
1983	154.6	153.6	5.3	43.1	105.2	
1984	271.6	255.9	7.9	81.4	166.6	
1985	286.2	280.2	7.6	65.8	206.8	
1986 ⁶	224.1	218.4	5.5	53.4	159.5	

¹ California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. ² Includes "Home use." ³ For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. ⁴ Sweet varieties, beginning 1971, includes small quantities used for juice, wine, brandy, etc. ⁵ For sweet varieties, includes small quantities brined or used for juice, wine, etc., through 1970; beginning 1971, brined only. ⁶ Preliminary.

National Agricultural Statistics Service.

Table 274.—Cherries: Production and utilization, by States, crop of 1986 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh ¹	Processed (fresh basis)		
				Canned and otherwise processed ²	Frozen	Brined
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
CA	8,400	8,400	6,600			
MI	20,000	20,000	4,000	6,000		10,000
OR	38,000	38,000	8,500	5,200		24,300
WA	62,500	62,500	44,100	6,400		12,000
Other States ³	8,810	7,860	5,420	300		3,940
US	137,710	136,760	68,620	17,900		50,240
TART VARIETIES						
MI	170.0	165.0	3.0	38.0	124.0	
NY	13.0	12.3	.2			
Other States ⁴	41.1	41.1	2.3	15.4	35.5	
US	224.1	218.4	5.5	53.4	159.5	

See footnotes on page 195.

CITRUS FRUITS

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Table 275.—Citrus fruits: Production and value, United States, for season of 1972-73 to 1985-86

Season ¹	Production	Season average returns per box ²	Value	Quantities processed ³	Production	Season average returns per box ²	Value	Quantities processed ³
Oranges ⁴					Grapefruit			
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes
1972-73	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74	216,210	2.76	600,691	171,323	65,500	2.41	157,673	37,808
1974-75	237,810	2.75	653,759	183,457	61,610	2.51	154,439	38,223
1975-76	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79	210,600	6.15	1,295,735	170,359	67,380	3.43	231,271	38,850
1979-80	273,630	4.85	1,328,054	218,880	73,200	4.13	302,190	44,719
1980-81	244,580	5.30	1,295,281	194,144	67,860	4.74	321,517	39,953
1981-82	176,690	6.61	1,167,795	130,290	70,550	3.25	229,038	41,786
1982-83	225,180	5.85	1,317,139	165,725	60,600	3.06	185,188	28,447
1983-84	169,510	7.69	1,304,269	121,420	53,610	4.10	219,652	27,924
1984-85	158,750	9.19	1,459,334	109,768	55,800	5.53	308,537	32,662
1985-86 ⁵	176,410	6.00	1,074,078	121,577	57,770	5.80	335,056	30,510
Lemons					Limes			
1972-73	22,390	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74	17,800	6.17	109,851	6,666	1,050	7.20	7,560	671
1974-75	29,400	3.85	113,226	17,890	1,100	7.62	8,382	607
1975-76	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79	19,600	6.87	134,561	7,630	720	16.16	11,637	239
1979-80	20,750	8.11	168,354	10,045	1,100	12.55	13,800	478
1980-81	31,300	4.83	151,174	19,910	1,200	11.10	13,325	508
1981-82	24,800	4.26	105,688	14,250	1,300	12.44	16,170	675
1982-83	25,350	4.39	111,286	15,720	1,700	13.09	22,255	725
1983-84	21,250	5.91	125,483	9,690	1,440	12.16	17,506	615
1984-85	25,800	6.51	168,051	14,060	1,640	12.13	19,901	615
1985-86 ⁵	18,350	11.89	218,125	6,870	1,450	14.49	21,017	570
Tangerines					Tangelos			
1972-73	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,357
1975-76	5,360	4.85	25,976	1,728	5,500	2.52	13,960	3,255
1976-77	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79	5,400	8.07	43,572	2,309	4,200	5.55	23,327	2,479
1979-80	6,300	5.81	36,595	2,736	6,400	4.54	29,051	4,593
1980-81	5,560	6.45	35,850	2,495	4,900	5.70	27,943	2,844
1981-82	4,980	8.18	40,728	1,819	5,100	5.46	27,865	3,320
1982-83	5,500	7.82	43,034	2,120	3,800	6.34	24,102	1,922
1983-84	5,000	7.78	38,917	1,776	3,600	6.33	22,796	2,004
1984-85	3,430	14.41	49,432	1,022	3,600	9.54	34,354	2,132
1985-86 ⁵	3,650	13.24	48,313	1,112	2,950	6.44	19,012	1,612
Templets								
1972-73	5,100	3.06	15,606	2,655				
1973-74	5,300	2.80	14,840	3,375				
1974-75	5,800	2.75	14,575	3,392				
1975-76	5,500	2.89	15,895	3,171				
1976-77	3,800	3.39	12,882	2,616				
1977-78	4,900	5.35	26,215	2,851				
1978-79	4,700	6.49	30,510	2,565				
1979-80	6,000	4.57	27,439	3,216				
1980-81	3,600	6.00	21,595	2,493				
1981-82	3,200	5.89	18,862	2,362				
1982-83	4,700	5.97	28,056	3,137				
1983-84	2,900	7.41	21,489	2,138				
1984-85	3,250	8.07	26,225	2,624				
1985-86 ⁵	2,050	5.39	15,909	2,037				

See footnotes on page 200.

Table 276.—Citrus fruits: Production and season average returns per box, by States, 1983-84 to 1985-86

Crop and State	Production of crop for season ¹ of—			Price ² of crop for season of—		
	1983-84	1984-85	1985-86 ³	1983-84	1984-85	1985-86 ³
ORANGES						
Early, midseason, and navel varieties: ⁴	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
AZ.....	550	650	600	7.53	12.11	9.28
CA.....	33,700	26,200	33,300	5.57	11.36	7.22
FL.....	69,700	55,000	64,200	6.39	9.15	5.77
TX.....	2,490	0	200	4.61	0.00	11.27
Valencia:						
AZ.....	1,250	1,800	1,700	7.70	8.53	6.09
CA.....	14,800	26,200	21,500	14.22	7.95	5.75
FL.....	47,000	48,900	54,800	8.52	8.73	5.85
TX.....	110	0	110	3.82	0.00	8.30
Total Valencia ⁵	63,160	76,700	78,110	9.83	8.46	5.83
All oranges:						
AZ.....	1,800	2,450	2,300	7.74	9.48	6.92
CA.....	48,500	52,400	54,800	8.21	9.66	6.64
FL.....	116,700	109,900	119,000	7.56	8.95	5.81
TX.....	2,510	0	310	4.58	0.00	10.21
US, all oranges ⁶	169,510	188,750	176,410	7.69	9.19	6.09
GRAPEFRUIT						
AZ.....	2,270	3,000	2,400	3.98	5.65	4.86
CA, all.....	7,240	8,800	8,400	4.23	7.15	7.10
Desert.....	3,340	3,800	3,600	4.01	6.83	6.81
Other areas.....	3,900	5,000	4,800	4.43	7.40	7.32
FL, all.....	40,900	44,000	46,750	4.17	5.20	5.60
Colored seedless.....	13,400	16,300	18,000	5.48	6.36	6.47
White seedless.....	23,000	24,800	25,600	3.56	4.56	5.09
Other.....	4,500	2,900	3,150	3.41	4.08	4.77
TX.....	3,200	0	220	2.98	0.00	9.44
US, all grapefruit ⁶	53,610	55,800	57,770	4.10	5.53	5.90
LEMONS						
AZ.....	4,000	6,000	3,250	4.83	4.59	14.93
CA.....	17,250	19,800	15,100	6.15	7.10	11.23
US, lemons ⁶	21,250	25,800	18,350	5.91	6.51	11.89
LIMES						
FL.....	1,440	1,640	1,450	12.16	12.13	14.49
TANGELOS						
FL.....	3,600	3,600	2,950	6.33	9.54	6.44
TANGERINES						
AZ.....	1,150	700	700	7.05	12.42	11.91
CA.....	1,850	1,680	1,800	7.34	12.51	11.99
FL.....	2,000	1,050	1,150	8.61	18.78	15.99
US, tangerines ⁶	5,000	3,430	3,650	7.78	14.41	13.24
TEMPLES						
FL.....	2,900	3,250	2,950	7.41	8.07	5.39

¹ Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Mar. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

² Preliminary.

³ Equivalent returns per box at the intake packinghouse-door for all methods of sale.

⁴ Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

⁵ Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

National Agricultural Statistics Service.

Table 277.—Citrus fruits: Production in specified countries, 1984-85 to 1986-87¹

Commodity and country	1984-85	1985-86	1986-87 ²	Commodity and country	1984-85	1985-86	1986-87 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Oranges:				Grapefruit:			
Mexico.....	1,000	1,410	1,425	Mexico.....	53	82	74
United States ³	6,227	6,395	7,154	United States.....	2,065	2,131	2,302
Argentina.....	653	560	700	Argentina.....	157	160	160
Brazil.....	1,715	10,792	11,925	Brazil.....	35	35	35
Chile.....	70	73	75	Uruguay.....	5	5	7
Uruguay.....	82	90	95	Cuba.....	145	145	145
Cuba.....	390	390	390	Greece.....	5	6	7
Greece.....	775	554	800	Egypt.....	2	2	2
Italy.....	1,960	2,257	2,260	Italy.....	8	8	8
Spain.....	1,365	1,942	2,100	Spain.....	8	13	19
Cyprus.....	155	152	156	Cyprus.....	96	95	98
Gaza Strip.....	140	135	135	Gaza Strip.....	15	11	11
Israel.....	941	706	840	Israel.....	375	371	450
Lebanon.....	220	215	215	Lebanon.....	20	20	20
Turkey.....	760	550	600	Turkey.....	21	22	23
Egypt.....	1,182	1,168	1,170	Morocco.....	6	5	5
Morocco.....	686	941	635	South Africa.....	102	99	110
South Africa.....	486	496	515	Australia.....	37	39	34
Australia.....	489	519	508	Total.....	3,158	3,250	3,400
Japan.....	59	63	65				
Total.....	29,355	29,849	31,763	Lemons:			
Tangerines:				Mexico.....	3	3	3
Mexico.....	67	123	98	United States.....	889	632	931
United States ³	273	256	308	Argentina.....	360	340	400
Argentina.....	241	250	280	Brazil ⁴	16	16	16
Brazil ⁴	668	606	600	Chile.....	70	70	70
Uruguay.....	45	48	50	Uruguay.....	39	46	48
Cuba.....	25	25	25	Greece.....	155	186	170
Greece.....	51	54	63	Egypt.....	1	1	1
Italy.....	360	466	540	Italy.....	744	900	820
Spain.....	947	1,050	1,060	Spain.....	325	482	591
Cyprus.....	5	5	5	Cyprus.....	43	54	56
Israel.....	99	123	130	Gaza Strip.....	12	14	14
Lebanon.....	30	35	35	Israel.....	66	50	55
Turkey.....	219	240	260	Lebanon.....	30	35	35
Egypt.....	104	106	108	Turkey.....	240	180	200
Morocco.....	244	347	290	Morocco.....	18	17	16
Australia.....	2,844	2,870	2,528	South Africa.....	56	57	69
Japan.....	32	32	31	Australia.....	46	47	46
Total.....	5,754	6,576	6,391	Total.....	3,113	3,090	2,586

¹ Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October-June in the Northern Hemisphere and April-December of the second year shown in the Southern Hemisphere.

² Preliminary.

³ Includes temple oranges.

⁴ Includes tangelos.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information. U.S. data are from USDA Crop Reporting Board.

Table 278.—Canned citrus juices, single-strength: United States packs, 1972-85

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹
1972.....	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973.....	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974.....	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975.....	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976.....	10,767	1,183	2,485	14,435	1,208	187	89	1,584	35
1977.....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978.....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979.....	13,669	2,079	2,419	18,367	1,314	138	82	1,534	17
1980.....	13,012	2,397	2,195	17,604	984	51	47	1,082	9
1981.....	11,504	1,169	1,057	13,730	727	43	42	812	6
1982.....	9,802	(^a)	(^a)	* 9,802	650	(^a)	(^a)	* 650	4
1983.....	9,084	(^a)	(^a)	* 9,084	555	(^a)	(^a)	* 555	(^b)
1984.....	7,425	(^a)	(^a)	* 7,425	615	(^a)	(^a)	* 615	1
1985.....	7,596	(^a)	(^a)	* 7,596	577	(^a)	(^a)	* 577	(^c)

¹ Equivalent cases of 24 No. 2 cans.² Pack data not available.³ Not available.⁴ Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 279.—Concentrated citrus juices: Annual packs, Florida, 1972-85

Season beginning December	Frozen concentrated juice			
	Orange ¹	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972.....	176,073	8,658	1,072	3
1973.....	171,846	9,026	1,019	11
1974.....	178,174	7,847	1,147	4
1975.....	186,285	9,316	1,111	1
1976.....	158,095	11,258	926	18
1977.....	161,204	13,693	1,672	1
1978.....	173,100	14,243	1,367	3
1979.....	231,257	19,443	2,142	1
1980.....	174,537	20,763	1,175	3
1981.....	133,294	21,869	924	18
1982.....	169,577	14,483	506	1
1983.....	121,216	19,291	687	n.a.
1984.....	118,472	24,802	797	n.a.
1985.....	82,719	24,162	1,029	n.a.

¹ Frozen orange juice reported in 45.0° Brix through 1978; 43.4° Brix for 1979-80; and 42.0° Brix thereafter.

n.a. not available.

Economic Research Service. Based on data obtained from Florida Citrus Processors' Association.

FOOTNOTES FOR TABLE 275

¹ See footnote 1, table 276.² Equivalent returns per box at the intake packinghouse door for all methods of sale.³ Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.⁴ Includes small quantities of tangerines in Texas. Excludes Florida temples.⁵ Preliminary.

National Agricultural Statistics Service.

Table 280.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1972-85

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹
1972.....	2,687	10,069	6,572	2,531	28,262
1973.....	3,027	20,576	6,013	2,412	29,001
1974.....	2,236	16,394	2,789	2,446	21,629
1975.....	1,602	18,890	4,030	2,901	25,821
1976.....	1,722	18,809	5,867	3,013	27,689
1977.....	1,753	17,246	4,690	4,443	26,379
1978.....	1,823	16,764	3,462	4,949	25,175
1979.....	1,966	16,694	3,606	4,018	24,228
1980.....	1,871	14,221	2,005	3,193	19,429
1981.....	1,848	15,734	1,894	2,811	20,429
1982.....	1,235	11,651	(²)	(²)	11,651
1983.....	(²)	9,513	(²)	(²)	* 9,513
1984.....	(²)	10,552	(²)	(²)	* 10,552
1985.....	(²)	9,948	(²)	(²)	* 9,948

¹ Equivalent cases of 24 No. 2 cans.² Not available.³ Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 281.—Citrus juice: United States exports by kind, 1972/73-1985/86

Year beginning November	Orange juice			Grapefruit juice		
	Single strength	Concentrate		Single strength	Concentrate	
		Hot pack	Frozen		Hot pack	Frozen
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1972/73.....	10,129	1,170	11,007	4,857	344	1,461
1973/74.....	10,063	1,285	11,973	4,965	310	1,185
1974/75.....	9,734	931	12,636	4,850	213	1,214
1975/76.....	10,693	1,354	15,161	5,115	306	1,292
1976/77.....	10,472	1,663	17,086	5,445	310	1,988
1977/78.....	9,819	(¹)	(¹)	4,358	(¹)	(¹)
1978/79.....	9,827	(¹)	(¹)	3,832	(¹)	(¹)
1979/80.....	10,105	(¹)	(¹)	3,977	(¹)	(¹)
1980/81.....	9,252	* 6,763	* 74,563	3,834	* 1,906	* 13,839
1981/82.....	7,676	* 7,028	* 63,291	3,119	* 1,637	* 13,652
1982/83.....	6,834	* 5,942	* 69,659	2,966	* 1,379	* 9,752
1983/84.....	5,356	* 4,324	* 66,716	1,756	* 1,532	* 12,259
1984/85.....	6,075	* 3,736	* 47,372	1,575	* 1,556	* 10,951
1985/86.....	3,534	* 3,479	* 37,376	1,482	* 2,197	* 8,970

¹ Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1976, but some custom ports inadvertently failed to do so until later in the year.² Single strength equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 282.—Oranges, fresh: ¹ United States exports by country of destination, 1983-85

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1983	1984	1985		1983	1984	1985
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				French West Indies.....	7	23	3
Belgium and Luxembourg.....	0	219	641	Netherlands Antilles.....	480	124	8
Denmark.....	0	17	50	Other countries.....	7	5	0
France.....	315	890	1,089	Total.....	1,151	300	49
Germany, Fed. Rep. of.....	2	17	53				
Iceland.....	19	0	126	Other countries:			
Netherlands.....	359	7,488	3,682	Australia.....	9,932	7,074	7,140
Norway.....	0	212	421	Canada.....	130,269	125,199	112,225
Sweden.....	40	94	900	Taiwan.....	996	1,706	1,887
United Kingdom.....	103	272	1,183	French Pacific Islands.....	429	231	262
Other countries.....	6	4	113	Hong Kong.....	101,260	112,980	125,736
Total.....	874	9,213	8,278	Indonesia.....	31	0	19
				Japan.....	83,468	111,490	108,734
Latin America:				Korea, Rep. of.....	142	210	148
Mexico.....	407	953	513	Malaysia.....	13,543	13,625	8,676
Other countries.....	63	7	44	New Zealand.....	3,715	3,549	3,242
Total.....	470	960	557	Philippines.....	0	0	22
				Singapore.....	20,413	20,753	17,087
Bermuda and Caribbean:				United Arab Emirates.....	121	0	0
Bahamas.....	42	25	2	Other countries.....	1,801	204	150
Barbados.....	495	109	34	Total.....	365,122	397,001	385,278
Bermuda.....	130	14	2	Grand total.....	367,628	407,466	394,162

¹ Includes temple oranges.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 283.—Fresh citrus fruits: Foreign trade, United States, 1972-85

Year ¹	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1972.....	50,009	272,165	7,874	187,226	28	195,656	1,887	2,792	.....	10,050
1973.....	45,682	312,050	6,423	229,008	15	193,362	3,084	1,965	.....	9,183
1974.....	36,252	478,871	4,717	221,838	18	190,675	3,665	2,517	.....	12,955
1975.....	21,473	440,159	4,246	277,547	(²)	209,990	4,645	2,999	.....	14,860
1976.....	45,764	407,315	8,891	277,271	166	238,908	7,221	1,999	.....	15,736
1977.....	25,719	337,435	2,867	260,827	28	217,443	11,286	2,551	³ 6,124	16,994
1978.....	28,536	300,285	2,722	278,443	355	180,498	11,939	3,516	22,616	21,642
1979.....	14,924	459,393	4,215	272,625	55	170,093	17,487	3,453	19,811	19,897
1980.....	7,765	411,608	4,065	297,753	45	175,126	21,253	2,457	12,915	16,030
1981.....	13,681	372,142	997	369,645	5,159	136,081	14,532	3,025	16,810	12,923
1982.....	6,215	440,702	2,070	301,835	1,579	151,891	11,689	2,290	9,882	17,485
1983.....	17,247	383,333	1,306	243,390	5,501	152,673	20,638	2,289	18,452	10,195
1984.....	24,034	395,644	2,312	198,622	8,846	146,996	30,991	2,328	6,895	15,774
1985.....	28,097	400,447	2,625	269,224	12,872	139,912	28,101	2,355	9,144	8,559

¹ Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; September for grapefruit and July for limes.² Less than one metric ton.³ Beginning 1977, tangerines reported separately.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 284.—Dates: Production, season average price per ton, and value, California, 1972-86

Year	Production	Price ¹	Value	Year	Production	Price ¹	Value
	Tons	Dollars	1,000 dollars		Tons	Dollars	1,000 dollars
1972.....	15,700	173	2,716	1980.....	22,400	634	14,204
1973.....	23,100	198	4,574	1981.....	22,300	639	14,250
1974.....	22,700	222	5,039	1982.....	23,900	736	17,590
1975.....	24,900	296	7,390	1983.....	17,000	638	10,846
1976.....	22,400	346	7,750	1984.....	22,200	791	17,560
1977.....	25,400	338	8,585	1985.....	29,000	866	25,114
1978.....	21,550	485	10,452	1986 ²	17,600	751	13,218
1979.....	21,300	514	10,948				

¹ Quantities processed are priced at the equivalent processing plant door level.² Preliminary.

National Agricultural Statistics Service.

Table 285.—Dates: Foreign trade, United States, 1972-85

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	Metric tons		Metric tons		Metric tons
1972.....	15,987	1977 ¹	16,542	1982 ¹	9,475
1973.....	14,201	1978 ¹	18,429	1983 ¹	10,314
1974.....	11,287	1979 ¹	12,905	1984 ¹	14,601
1975.....	17,624	1980 ¹	1,270	1985 ¹	2,833

¹ Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 286.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1972-86 ¹

Year	Area harvested	Yield per acre ²	Total production ³	Utilized production	Price ⁴	Value	Quantities processed ⁵
	<i>Acres</i>	<i>Barrels ⁶</i>	<i>Barrels ⁶</i>	<i>Barrels ⁶</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels ⁶</i>
1972.....	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973.....	23,100	90.9	2,100,300	2,100,300	13.50	28,284	1,470,200
1974.....	23,400	95.6	2,226,000	2,226,000	11.00	24,715	1,486,700
1975.....	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976.....	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977.....	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978.....	23,120	106.3	2,458,500	2,458,500	21.50	52,903	1,917,700
1979.....	23,200	106.7	2,475,500	2,475,500	26.70	66,039	2,067,000
1980.....	23,190	116.3	2,697,500	2,697,500	33.20	89,462	2,259,600
1981.....	23,150	112.0	2,593,000	2,593,000	41.50	107,494	1,977,100
1982.....	23,310	130.4	3,039,000	3,039,000	46.70	142,050	2,380,800
1983.....	23,550	126.8	2,986,000	2,986,000	52.00	155,282	2,588,100
1984.....	23,820	139.5	3,322,000	3,322,000	54.50	180,940	2,944,500
1985 ⁷	24,400	142.8	3,485,000	3,485,000	54.50	189,925	3,093,200
1986 ⁷	24,900	143.4	3,570,000	3,570,000	51.60	194,606	3,193,400

¹ Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.² Derived from total production.³ Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.⁴ Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.⁵ Mainly for canning.⁶ Barrels of 100 pounds.⁷ Preliminary.

National Agricultural Statistics Service.

Table 287.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1984-86

State	Area harvested			Yield per acre			Total production			Price ² for crop of		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl ³</i>	<i>Bbl ³</i>	<i>Bbl ³</i>	<i>Bbl ³</i>	<i>Bbl ³</i>	<i>Bbl ³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
MA.....	11,200	11,300	11,300	148.5	149.3	159.3	1,663,000	1,687,000	1,900,000	54.50	54.90	51.70
NJ.....	3,200	3,300	3,300	85.6	97.9	98.5	274,000	320,000	325,000	55.10	55.39	52.80
OR.....	920	1,100	1,200	89.1	92.9	100.0	82,000	100,000	120,000	55.40	55.50	53.00
WA.....	1,100	1,200	1,200	93.6	123.3	83.3	100,000	148,000	100,000	55.40	55.50	53.00
WI.....	7,400	7,500	7,900	162.2	164.0	153.1	1,200,000	1,230,000	1,225,000	54.10	53.70	50.90
US.....	23,820	24,400	24,900	139.5	142.8	143.4	3,322,000	3,485,000	3,570,000	54.50	54.50	51.60

¹ Preliminary.² Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.³ Barrels of 100 pounds.

National Agricultural Statistics Service.

Table 288.—Figs: Production, season average price per ton, and value, California, 1972-86

Year	Dried (dry basis)				Fresh and canned		Total		
	Production			Price	Production (fresh basis)	Price ¹	Production (fresh basis) ²	Price ¹	Value
	Total	Standard	Substandard						
	Tons	Tons	Tons	Dollars	Tons	Dollars	Tons	Dollars	1,000 dollars
1972	11,050	8,950	2,100	388.00	3,250	258.00	36,400	141.00	5,132
1973	12,420	11,220	1,200	680.00	4,340	267.00	41,600	231.00	9,610
1974	13,130	11,430	1,700	582.00	5,000	284.00	44,600	233.00	10,392
1975	11,610	8,840	2,770	585.00	3,170	236.00	38,000	198.00	7,524
1976	10,070	7,000	3,070	522.00	1,900	271.00	32,100	180.00	5,778
1977	12,700	11,900	1,700	869.00	3,400	345.00	41,500	295.00	12,243
1978	9,300	6,930	2,370	912.00	3,700	352.00	31,600	318.00	10,040
1979	11,640	10,240	1,400	1,217.00	3,800	415.00	38,720	399.00	15,444
1980	14,450	11,400	3,050	888.00	2,100	493.00	45,450	306.00	13,910
1981	12,200	10,150	2,050	961.00	1,600	542.00	38,200	329.00	12,579
1982	12,200	9,650	2,550	820.00	1,100	461.00	37,700	278.00	10,499
1983	11,050	9,000	2,050	600.00	850	426.00	34,900	206.00	6,992
1984	11,500	9,800	1,700	836.00	1,950	442.00	36,450	288.00	10,489
1985	10,400	8,570	1,830	848.00	n.a.	n.a.	32,600	305.00	9,942
1986	15,300	11,600	3,700	727.00	n.a.	n.a.	47,900	260.00	12,288

¹ Quantities processed are priced at the equivalent processing plant door level.

² Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

n.a. not available.

National Agricultural Statistics Service.

Table 289.—Figs, dried: Foreign trade, United States, 1972-85

Year beginning July	Imports for consump- tion	Domestic exports	Year beginning July	Imports for consump- tion	Domestic exports	Year beginning July	Imports for consump- tion	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1972	1,848	850	1977 ¹	3,368	1,310	1982 ¹	2,517	731
1973	1,416	1,310	1978 ¹	3,387	1,472	1983 ¹	2,745	995
1974	1,130	740	1979 ¹	1,975	1,645	1984 ¹	3,116	1,200
1975	1,773	1,002	1980 ¹	1,843	1,388	1985 ¹	4,170	736
1976 ¹	3,211	711	1981 ¹	2,068	1,341			

¹ Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 290.—Grapes: Production, value, and raisin production, United States, 1972-86

Year	Grapes				Raisins, production (California) ²	Year	Grapes				Raisins, production (California) ²
	Production (fresh basis)		Season average price per ton ¹	Value			Production (fresh basis)		Season average price per ton ¹	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1972	2,579	2,579	165.00	426,238	105	1980	5,595	5,595	240.00	1,341,092	309
1973	4,198	4,198	162.00	681,675	224	1981	4,458	4,458	297.00	1,323,513	256
1974	4,199	4,199	139.00	582,289	242	1982 ^a	6,555	5,865	232.00	1,358,896	292
1975	4,366	4,365	142.00	618,178	283	1983 ^a	5,506	5,360	199.00	1,064,763	396
1976 ^a	4,398	4,093	155.00	635,570	283	1984 ^a	5,194	5,169	190.00	980,696	335
1977	4,298	4,296	194.00	835,299	248	1985 ^a	5,607	5,607	171.00	959,108	346
1978 ^a	4,567	4,818	233.00	1,005,794	229	1986 ^a	5,225	5,225	224.00	1,170,055	277
1979	4,989	4,989	226.00	1,179,238	302						

¹ Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ² Dried basis; 1 ton of raisins equivalent to about 4-5 tons of fresh grapes. Excludes table varieties dried. ³ Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1976-65,000 tons (293,000 tons fresh equivalent); 1978-56,300 tons (248,000 tons fresh equivalent); and total U.S. grape loss, 1982-690,200 tons fresh equivalent; 1983-145,500 tons fresh equivalent; 1984-25,100 tons fresh equivalent. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 291.—Grapes: Production and season average price per ton, by States, 1984-86

State	Total production			Utilized production			Price ² for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
AZ	14,000	18,500	23,000	14,000	18,500	23,000	1310.00	966.00	1,000.00
AR	9,000	8,000	6,000	9,000	7,900	5,500	180.00	129.00	207.00
CA:									
All varieties ³	4,670,000	5,207,000	4,770,000	4,656,000	5,207,000	4,770,000	189.00	168.00	220.00
Wine varieties	1,900,000	2,140,000	2,105,000	1,900,000	2,140,000	2,105,000	201.00	184.00	207.00
Table varieties	475,000	580,000	620,000	475,000	580,000	620,000	304.00	230.00	307.00
Raisin varieties ⁴	2,295,000	2,487,000	2,045,000	2,281,000	2,487,000	2,045,000	158.00	141.00	207.00
Dried ⁵	334,500	346,000	.....	334,500	346,000	.....	635.00	612.00	.....
Not dried	892,000	930,000	.....	892,000	930,000	.....	161.00	149.00	.....
GA	2,700	2,100	2,000	2,600	2,100	2,000	582.00	494.00	792.00
MI	49,000	51,000	32,000	49,000	51,000	32,000	166.00	215.00	255.00
MO	3,100	900	2,900	3,100	900	2,900	273.00	362.00	310.00
NY	198,000	144,000	164,000	188,500	144,000	164,000	180.00	147.00	201.00
NC	5,900	1,500	1,500	4,900	1,500	1,400	341.00	316.00	385.00
OH	11,200	7,000	8,000	11,200	7,000	8,000	214.00	135.00	220.00
PA	60,000	50,000	60,000	59,500	50,000	60,000	143.00	148.00	180.00
SC	2,500	600	500	2,500	600	500	339.00	372.00	352.00
WA	168,500	116,100	156,000	168,500	116,100	156,000	124.00	178.00	238.00
US	5,193,900	5,606,700	5,225,900	5,168,800	5,606,600	5,225,300	190.00	171.00	224.00

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ Price derived from unrounded data. ⁴ Fresh equivalent of dried and not dried. ⁵ Dried basis: 1 ton of raisins is equivalent to 4.15 tons for 1984, 4.50 tons for 1985, and 4.26 tons for 1986.

National Agricultural Statistics Service.

Table 292.—Grapes: Production and utilization, United States, 1972-86

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1972.....	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973.....	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974.....	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975.....	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 ³	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977.....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 ⁴	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979.....	4,989,000	4,985,700	524,100	60,000	1,280,900	2,713,100	310,600
1980.....	5,595,200	5,594,900	569,090	63,000	1,620,000	2,996,300	346,510
1981.....	4,458,200	4,457,800	528,490	42,000	1,032,000	2,521,550	335,560
1982 ⁵	6,555,100	5,864,900	706,380	35,000	1,547,500	3,227,300	348,720
1983 ⁵	5,505,700	5,360,200	671,090	35,000	1,785,000	2,422,700	446,410
1984.....	5,193,900	5,168,800	676,890	30,000	1,392,500	2,693,150	376,280
1985.....	5,606,700	5,606,600	781,090	45,000	1,565,700	2,919,310	295,500
1986 ⁴	5,225,900	5,225,300	779,420	40,000	1,188,500	2,907,210	310,170

¹ Includes "Home use." ² Mostly juice, but includes some quantities used for jam, jelly, etc. ³ Total production includes loss for California raisin variety grapes laid to raisins but not harvested due to severe weather damage: 1976—293,000 fresh tons, 1978—248,000 fresh tons. California all grapes, 1982—690,000, 1983—145,000.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 293.—Grapes: Production and utilization, by States, crop 1986 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried ²	Crushed for—	
	Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc. ³
AZ.....	23,000	23,000	23,000				
CA:							
All varieties.....	4,770,000	4,770,000	746,500	40,000	1,188,500	2,795,000	
Wine varieties.....	2,105,000	2,105,000	50,000			2,055,000	
Table varieties.....	620,000	620,000	376,500		8,500	235,000	
Raisin varieties.....	2,045,000	2,045,000	320,000	40,000	1,180,000	505,000	
MI.....	32,000	32,000	1,000			1,500	29,500
NY.....	164,000	164,000	4,400			70,200	89,400
OH.....	8,000	8,000	400			900	6,700
PA.....	60,000	60,000	1,100			7,500	51,400
WA.....	156,000	156,000	200			28,500	127,300
Other States ⁴	12,900	12,900	2,820			3,610	5,670
US.....	5,225,900	5,225,300	779,420	40,000	1,188,500	2,907,210	310,170

¹ Includes "Home use." ² Equivalent raisins produced (dried basis): 277,000 tons. ³ Mostly juice, but includes some quantities used for jam, jelly, etc. ⁴ Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

National Agricultural Statistics Service.

Table 294.—Raisins and currants: United States exports by country of destination, 1983/84-85/86

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1983/84	1984/85	1985/86		1983/84	1984/85	1985/86
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Europe:				Bermuda and Caribbean:			
Austria.....	59	29	133	Bahamas.....	49	54	29
Belgium and Luxembourg.....	1,256	1,357	1,163	Bermuda.....	69	67	75
Denmark.....	2,032	2,370	3,975	Dominican Republic.....	210	68	204
Finland.....	1,917	1,556	1,795	Haiti.....	13	5	1
France.....	468	446	317	Jamaica.....	23	19	2
Germany, Fed. Rep. of.....	3,236	3,813	5,427	Netherlands Antilles.....	21	19	58
Iceland.....	105	50	150	Trinidad and Tobago.....	122	103	139
Ireland.....	80	1	74	Other countries.....	17	1	6
Netherlands.....	2,155	2,713	3,995	Total.....	524	365	544
Norway.....	1,617	1,756	2,296	Other countries:			
Sweden.....	3,598	3,697	4,993	Australia.....	454	1,315	526
Switzerland.....	644	450	443	Canada.....	4,285	3,145	3,439
United Kingdom.....	3,681	6,454	11,933	Hong Kong.....	854	676	815
Other countries.....	34	96	91	Indonesia.....	334	127	71
Total.....	20,882	24,788	36,785	Israel.....	17	180	467
Latin America:				Japan.....	15,029	17,411	21,528
Brazil.....	271	97	286	Korea, Rep. of.....	1,605	1,942	1,216
Colombia.....	325	32	328	Lebanon.....	3	9	0
Costa Rica.....	17	9	7	Malaysia.....	1,107	663	782
Ecuador.....	2	0	3	New Zealand.....	1,034	807	1,177
El Salvador.....	29	32	12	Philippines.....	199	274	628
Guatemala.....	18	23	5	Saudi Arabia.....	769	709	961
Honduras.....	21	5	7	Singapore.....	655	786	1,224
Mexico.....	23	4	4	Taiwan.....	2,513	1,924	2,334
Panama.....	248	431	518	Thailand.....	117	91	58
Venezuela.....	652	1,286	1,157	Other countries.....	168	2,168	932
Other countries.....	3	12	7	Total.....	29,143	32,227	36,128
Total.....	1,609	1,931	2,314	Grand total.....	52,158	59,311	75,771

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 295.—Grapes and raisins: Foreign trade, United States 1972-85

Year	Grapes		Raisin ¹		Year	Grapes		Raisin ¹	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	Metric tons	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	Metric tons
1972.....	8,944	93,455	2,986	22,903	1980 *.....	57,451	135,945	2	68,907
1973.....	13,592	109,521	1,252	48,822	1981 *.....	95,019	97,654	617	56,734
1974.....	19,234	105,284	25	54,227	1982 *.....	127,711	129,340	5,298	58,010
1975.....	21,750	109,425	296	64,873	1983 *.....	145,649	111,165	2,737	56,495
1976 *.....	30,409	89,631	11,923	37,039	1984 *.....	194,037	88,136	658	65,743
1977 *.....	28,094	102,154	996	56,870	1985 *.....	201,204	95,573	4,718	82,097
1978 *.....	43,245	124,654	16,392	21,812					
1979 *.....	44,571	95,258	321	77,823					

¹ Raisins converted to sweetbox or production basis by multiplying by 1.08.

* Year beginning October for both grapes and raisins. Prior to 1976, year beginning for grapes; September for raisins.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 296.—Nectarines: Production, utilization, and value, California, 1972-86

Crop of—	Production	Utilization		Price per ton ²	Value
		Fresh ¹	Processed (fresh basis)		
	Tons	Tons	Tons	Dollars	1,000 dollars
1972.....	87,000	86,400	600	177.00	15,390
1973.....	86,500	85,600	900	255.00	22,058
1974.....	117,000	115,600	1,400	228.00	26,676
1975.....	111,000	110,000	1,000	275.00	30,525
1976.....	128,000	127,500	500	245.00	31,360
1977.....	155,000	155,000		205.00	31,775
1978.....	148,000	144,700	3,300	307.00	45,436
1979.....	172,000	171,000	1,000	197.00	33,884
1980.....	191,000	190,500	500	231.00	44,045
1981.....	182,000	181,500	500	229.00	41,610
1982.....	178,000	175,900	2,100	243.00	44,254
1983.....	185,000	183,800	1,200	300.00	55,374
1984.....	183,000	182,800	200	316.00	57,779
1985.....	210,000	208,000	2,000	327.00	68,723
1986 ³	172,000	170,000	2,000	440.00	75,720

¹ Includes "Home use."² Processing fruit prices are equivalent returns at processing plant door.³ Preliminary.

National Agricultural Statistics Service.

Table 297.—Olives: Production, value, and utilization, California, 1972-86

Year	Production ¹	Season average price per ton ²	Value	Utilization		
				Crushed for oil ³	Canned	Other ⁴
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons
1972.....	24,290	415.00	10,043	700	20,000	3,500
1973.....	70,000	392.00	27,440	4,800	54,300	11,400
1974.....	58,500	434.00	25,389	3,100	46,700	8,700
1975.....	67,000	336.00	22,512	3,800	53,300	9,900
1976.....	80,000	330.00	26,400	3,700	65,500	10,800
1977.....	43,000	403.00	17,329	2,900	32,300	8,400
1978.....	126,000	303.00	38,178	7,300	99,100	19,600
1979.....	62,000	408.00	25,296	1,600	52,300	8,100
1980.....	109,000	368.00	40,137	3,500	76,800	28,700
1981.....	44,900	685.00	31,222	2,000	37,900	5,000
1982.....	146,500	517.00	75,795	2,500	96,000	46,000
1983.....	61,000	519.00	31,641	600	48,000	12,400
1984.....	90,800	557.00	50,441	2,900	76,700	10,800
1985.....	96,000	569.00	53,635	5,800	76,700	13,600
1986 ⁵	111,500	566.00	63,076	5,500	85,000	20,000

¹ Production is the quantity sold or utilized.² Quantities processed are priced at the equivalent processing plant door level.³ About 40 gallons of oil are obtained from 1 ton of olives.⁴ Includes Spanish, Greek, and Sicilian styles, halved and chopped, minced, brined, other cures, and a small amount shipped fresh.⁵ Preliminary.

National Agricultural Statistics Service.

Table 298.—Olives and olive oil: Foreign trade, United States, 1972-85

Year beginning July	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds		1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds
1972.....	17,440	1,181	57,703	261	1980 ¹	15,322	1,490	(²)	(²)
1973.....	16,738	1,518	52,923	250	1981 ¹	16,913	1,437	(²)	(²)
1974.....	14,079	1,173	48,427	200	1982 ¹	17,568	1,312	(²)	(²)
1975.....	15,323	643	59,232	129	1983 ¹	56,611	513	(²)	(²)
1976 ¹	15,481	1,465	56,288	189	1984 ¹	59,259	587	(²)	(²)
1977 ¹	17,809	1,063	59,456	142	1985 ¹	64,929	688	(²)	(²)
1978 ¹	13,293	1,190	61,977	143					
1979 ¹	14,507	1,294	(²)	(²)					

¹ Year beginning October. ² Not available. ³ Beginning 1983, olives in metric tons.

Economic Research Service and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 299.—Peaches: Production and value, United States, 1972-86

Year	Total production	Utilized production	Season average price ¹	Value	Year	Total production	Utilized production	Season average price ¹	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1972.....	2,371.5	2,249.5	6.9	155,286	1980.....	3,068.6	2,954.1	12.4	367,170
1973.....	2,590.9	2,412.7	8.3	199,060	1981.....	2,770.6	2,639.8	13.3	351,610
1974.....	2,917.2	2,756.3	9.5	260,822	1982.....	2,285.6	2,101.9	14.4	302,550
1975.....	2,835.6	2,645.6	10.4	274,958	1983.....	1,853.3	1,753.8	14.8	259,801
1976.....	3,018.3	2,641.7	8.6	253,613	1984.....	2,659.3	2,467.9	13.0	320,671
1977.....	2,955.4	2,825.7	9.8	277,789	1985.....	2,147.3	2,046.4	15.0	307,388
1978.....	2,652.7	2,515.7	12.0	301,143	1986 ²	2,326.4	2,237.9	14.6	328,810
1979.....	2,938.7	2,834.2	11.6	329,536					

¹ Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.² Preliminary.

National Agricultural Statistics Service.

Table 300.—Peaches: Foreign trade, United States, 1972-85

Year beginning July	Domestic exports					
	Fresh	Dried ¹	Canned	Canned, in fruit salad ²	Dried, in fruit salad ^{1,2}	Total, in terms of fresh ⁴
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	24,869	241	50,510	17,904	332	96,466
1973.....	26,078	178	58,031	20,997	323	107,880
1974.....	22,693	303	44,467	15,132	368	86,019
1975.....	28,454	204	43,827	14,542	387	99,106
1976 ³	27,620	(³)	53,565	16,527	340	102,473
1977 ³	29,511	(³)	82,253	17,254	390	131,185
1978 ³	30,017	(³)	55,590	17,039	294	104,279
1979 ³	28,045	(³)	59,167	21,863	503	111,869
1980 ³	35,751	(³)	59,340	21,826	565	120,056
1981 ³	30,840	(³)	36,216	16,653	415	86,015
1982 ³	25,481	(³)	33,170	13,813	359	74,458
1983 ³	23,218	(³)	12,256	8,407	464	46,459
1984 ³	20,937	(³)	11,664	7,562	415	42,469
1985 ³	25,258	(³)	15,453	7,210	460	50,477

See footnotes on page 213.

Table 301.—Peaches: Production and season average price per pound, 1984-86

State	Total production			Utilized production			Price ^a for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
AL.....	22.0	1.5	6.0	22.0	1.5	6.0	14.4	30.5	27.2
AR.....	23.0	5.0	9.5	21.0	4.5	9.5	16.9	17.2	17.3
CA:									
Freestone.....	457.0	486.0	495.0	457.0	486.0	495.0	9.8	11.4	13.8
CO.....	12.0	15.0	6.7	12.0	15.0	6.7	25.4	26.0	31.0
CT.....	2.7	3.0	2.6	2.7	3.0	2.6	40.0	41.0	48.0
DE.....	2.0	1.2	2.7	1.6	1.2	2.7	22.0	26.2	18.5
GA.....	150.0	90.0	105.0	134.0	83.0	101.0	14.8	24.6	19.7
ID.....	7.5	11.0	11.0	7.5	10.0	11.0	17.2	19.6	23.6
IL.....	16.0	(*)	21.0	16.0	(*)	20.5	22.4	(*)	24.0
IN.....	.7	(*)	4.0	.7	(*)	4.9	34.2	(*)	33.0
KS.....	2.5	3.5	5.0	2.5	3.0	4.5	32.0	25.1	37.0
KY.....	3.0	(*)	2.0	3.0	(*)	2.9	24.0	(*)	30.4
LA.....	7.0	6.5	.2	7.0	6.0	.2	35.0	33.0	34.0
MD.....	19.0	1.0	20.0	18.0	1.0	20.0	19.3	26.2	20.4
MA.....	1.9	2.1	1.9	1.9	2.1	1.8	40.0	41.0	48.0
MI.....	45.0	55.0	50.0	45.0	55.0	50.0	17.1	20.9	17.7
MS.....	5.0	2.5	.3	5.0	2.5	.3	24.0	35.0	33.0
MO.....	15.0	(*)	12.0	13.0	(*)	12.0	17.0	(*)	21.0
NJ.....	50.0	95.0	105.0	50.0	90.0	100.0	28.6	28.3	23.6
NY.....	11.0	14.5	14.0	11.0	14.0	14.0	27.4	23.2	23.6
NC.....	43.0	2.0	25.0	35.0	2.0	20.9	13.7	25.0	15.7
OH.....	(*)	(*)	2.5	(*)	(*)	2.5	(*)	(*)	29.0
OK.....	9.0	8.0	5.5	8.0	8.0	5.5	24.0	23.3	33.4
OR.....	14.0	15.5	13.0	13.0	14.5	13.0	28.5	29.0	27.3
PA.....	85.0	40.0	100.0	85.0	37.4	100.0	19.3	25.1	18.2
SC.....	480.0	230.0	280.0	400.0	230.0	248.0	13.4	20.2	16.0
TN.....	10.0	(*)	4.0	9.0	(*)	3.7	21.0	(*)	34.0
TX.....	23.0	30.0	10.0	21.0	26.0	9.5	26.0	28.0	39.0
UT.....	12.0	11.0	10.5	12.0	10.5	10.5	15.0	17.0	17.7
VA.....	34.0	2.0	28.0	32.0	1.7	26.0	14.4	22.1	21.2
WA.....	38.0	31.0	38.0	38.0	31.0	38.0	24.3	23.8	23.1
WV.....	17.0	(*)	23.0	17.0	(*)	23.0	17.1	(*)	14.5
Total above.....	1,617.3	1,162.3	1,393.4	1,501.9	(*)	1,364.4	14.9	18.3	17.7
CA:									
Clingstone ^a	1,042.0	965.0	933.0	966.0	917.5	873.5	10.0	11.0	9.8
US.....	2,659.3	2,147.3	2,326.4	2,467.9	2,046.4	2,237.9	13.0	15.0	14.6

¹ Preliminary. ^a Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ^b Mainly for canning. Total production includes culls and cannery diversions not utilized as follows (million pounds): 76.0 in 1984, 67.5 in 1985, and 59.5 in 1986. ^c No significant commercial production due to frost.

National Agricultural Statistics Service.

Table 302.—Peaches and nectarines, fresh: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Africa:			
Canada.....	37.0	43.5	45.5	South Africa.....	133.3	120.8	126.4
United States.....	1,372.2	1,164.5	1,211.3	Total.....	133.3	120.8	126.4
Mexico.....	233.5	239.5	252.9				
Total.....	1,642.7	1,438.5	1,509.7	Asia:			
South America:				Japan.....	215.6	205.4	226.3
Argentina.....	241.0	287.4	209.0	Total.....	215.6	205.4	226.3
Chile.....	145.0	155.0	165.0				
Total.....	386.0	442.4	374.0	Oceania:			
Europe:				Australia.....	53.5	65.3	66.0
France.....	478.8	484.7	467.0	New Zealand.....	27.3	25.0	27.0
Germany, Fed. Rep. of.....	31.4	18.2	25.8	Total.....	80.8	90.3	93.0
Greece.....	530.0	532.5	546.3				
Italy.....	1,554.4	1,419.5	1,482.0	Total specified countries.....	5,644.4	5,388.7	5,430.5
Spain.....	508.8	531.4	495.0				
Yugoslavia.....	92.6	105.0	85.0				
Total.....	3,186.0	3,091.3	3,101.1				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 303.—Peaches: Production and utilization, United States, 1972-86

Crop of—	Total production ¹	Utilized production	Utilization of quantity sold				
			Fresh ²	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ³
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973.....	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974.....	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975.....	2,835.6	2,645.6	1,099.6	1,432.0	38.0	52.7	23.3
1976.....	3,018.3	2,641.7	1,151.2	1,326.3	30.0	109.8	24.4
1977.....	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978.....	2,652.7	2,515.7	1,135.8	1,230.8	35.0	69.8	44.3
1979.....	2,938.7	2,834.2	1,250.5	1,427.6	33.0	93.5	29.6
1980.....	3,068.6	2,954.1	1,324.1	1,498.3	34.0	77.1	20.6
1981.....	2,770.6	2,639.8	1,331.0	1,173.7	34.8	78.3	22.0
1982.....	2,285.6	2,101.9	976.9	983.9	45.0	70.5	25.6
1983.....	1,855.3	1,753.8	967.1	675.4	36.0	64.3	11.0
1984.....	2,659.3	2,467.9	1,286.9	1,028.5	28.0	89.0	35.5
1985.....	2,147.3	2,046.4	924.8	962.6	32.5	93.3	13.2
1986 ⁴	2,326.4	2,237.9	1,111.8	936.4	32.5	136.3	30.9

¹ Includes culls and cannery diversions for California Clingstone peaches (tons): 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; 1978—60,000; 1979—45,000; 1980—56,500; 1981—45,000; 1982—79,500; 1983, 1984, 1985, 1986—None. ² Includes "Home use." ³ Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 304.—Peaches: Production and utilization, by States, crop of 1986 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
CA, all ³							
Clingstone ⁴	933.0	873.5	(⁴)	842.0		(⁴)	(⁴)
Freestone.....	495.0	495.0	302.0	48.0		112.5	(⁴)
CA.....	105.0	101.0	(⁴)	(⁴)	32.5	(⁴)	(⁴)
NJ.....	105.0	100.0	(⁴)	(⁴)		(⁴)	(⁴)
PA.....	100.0	100.0	93.0	(⁴)		(⁴)	(⁴)
SC.....	260.0	248.0	226.0	(⁴)		(⁴)	(⁴)
WA.....	38.0	38.0	(⁴)	(⁴)		(⁴)	(⁴)
Other States ⁵	290.4	282.4	490.8	36.4		23.8	30.9
US.....	2,326.4	2,237.9	1,111.8	936.4	32.5	136.3	30.9

¹ Includes "Home use." ² Used for jams, preserves, brandy, etc. ³ Difference between total and utilized production is culls and cannery diversions. ⁴ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals. ⁵ Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

National Agricultural Statistics Service.

Table 305.—Peaches, canned: United States exports by country of destination, 1983/84-85/86

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1983/84	1984/85	1985/86		1983/84	1984/85	1985/86
	Cases ¹	Cases ¹	Cases ¹		Cases ¹	Cases ¹	Cases ¹
Europe:				Bermuda and Caribbean:			
Austria.....	925	1,201	0	Bahamas.....	919	461	176
Belgium and Luxembourg.....	1,425	857	0	Bermuda.....	2,808	3,150	2,575
Denmark.....	3,516	720	0	Netherlands Antilles.....	1,003	911	2,019
Finland.....	2,667	10,009	11,967	Other countries.....	3,058	1,765	2,112
Germany, Fed. Rep. of.....	33,395	146	0	Total ²	7,979	6,317	6,855
Netherlands.....	6,666	3,512	3,183				
Norway.....	2,312	5,687	96,556	Other countries:			
Sweden.....	20,559	8,463	12,415	Canada.....	275,363	240,549	160,152
Switzerland.....	373	844	0	Hong Kong.....	18,644	17,860	16,047
United Kingdom.....	656	316	7,948	Taiwan.....	87,366	29,878	31,921
Other countries.....	123	2,635	925	Japan.....	222,913	113,564	313,872
Total ²	72,817	34,390	63,014	Kuwait.....	8,655	6,571	5,174
				Saudi Arabia.....	46,163	13,809	10,931
Latin America:				Singapore.....	17,742	18,602	23,505
Colombia.....	9,464	552	699	Other countries.....	34,377	40,189	20,241
Panama.....	19,431	32,271	34,016	Total ²	661,225	481,022	561,843
Other countries.....	7,853	5,461	4,706				
Total	36,748	38,284	39,423	Grand total ²	778,769	560,013	691,135

¹ Equivalent cases, 45-pound net weight. ² Totals may not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 306.—Pears: Production and value, United States 1972-86

Year	Total production	Utilized production	Season average price ¹	Value	Year	Total production	Utilized production	Season average price ¹	Value
	Tons	Tons	Dollars per ton	1,000 dollars		Tons	Tons	Dollars per ton	1,000 dollars
1972.....	612,100	608,680	139.00	84,426	1980.....	897,350	896,350	196.00	175,832
1973.....	730,420	725,840	138.00	100,104	1981.....	897,000	893,950	187.00	167,321
1974.....	741,720	740,660	169.00	125,389	1982.....	803,950	802,730	183.00	147,179
1975.....	748,000	741,800	143.00	105,765	1983.....	774,650	774,450	170.00	131,864
1976.....	839,100	819,100	124.00	101,890	1984.....	709,550	696,750	229.00	159,730
1977.....	781,600	779,500	146.00	113,520	1985.....	746,850	746,700	269.00	201,009
1978.....	723,250	723,250	219.00	158,724	1986 ²	765,550	759,550	263.00	199,397
1979.....	854,700	854,200	204.00	174,295					

¹ Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.² Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 306

¹ Net processed weight. ² Canned peaches are 40 percent of total canned fruit for salad. ³ Dried peaches are 21 percent of total dried fruit for salad. ⁴ Dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. ⁵ Year beginning October. ⁶ Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 307.—Pears: Production and season average price per ton, by States, 1984-86

Variety and State	Total production			Utilized production			Price ² for crop—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
CA, all	312,000	292,500	294,000	299,500	292,500	294,000	179.00	238.00	232.00
Bartlett	302,000	282,000	285,000	289,500	282,000	285,000	176.00	233.00	223.00
Other	10,000	10,500	9,000	10,000	10,500	9,000	253.00	373.00	522.00
CO	4,600	6,000	1,750	4,550	5,900	1,750	223.00	219.00	280.00
CT	1,450	1,550	1,600	1,450	1,500	1,600	500.00	475.00	485.00
MI	11,000	8,900	11,000	11,000	8,000	11,000	219.00	242.00	233.00
NY	20,000	16,000	19,000	20,000	16,000	18,000	228.00	242.00	210.00
OR, all	150,000	193,000	167,000	150,000	193,000	162,000	267.00	274.00	304.00
Bartlett	44,000	75,000	55,000	44,000	75,000	50,000	217.00	236.00	243.00
Other	106,000	118,000	112,000	106,000	118,000	112,000	288.00	302.00	331.00
PA	3,300	2,300	3,000	3,150	2,300	3,000	332.00	319.00	317.00
UT	3,200	2,500	2,200	3,100	2,500	2,200	290.00	294.00	345.00
WA, all	204,000	225,000	266,000	204,000	225,000	266,000	272.00	307.00	274.00
Bartlett	101,000	111,000	126,000	101,000	111,000	126,000	218.00	248.00	225.00
Other	103,000	114,000	140,000	103,000	114,000	140,000	325.00	365.00	317.00
US	709,550	746,850	765,550	696,750	746,700	759,550	229.00	269.00	263.00

¹ Preliminary.² Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. National Agricultural Statistics Service.Table 308.—Pears, fresh (dessert and cooking): Production in specified countries, 1984/85-1986/87 ¹

Continent and country	1984/ 85	1985/ 86	1986/ 87 ²	Continent and country	1984/ 85	1985/ 86	1986/ 87 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Other Europe—Con.			
Canada ³	24	28	25	Sweden	6	4	3
Mexico	62	62	68	Switzerland	23	18	21
United States ³	644	678	689	Turkey	360	370	375
Total	720	758	772	Yugoslavia	145	147	180
South America:				Total	600	592	635
Argentina	193	125	200	Total Europe	3,418	3,086	3,020
Chile	60	70	72	Africa:			
Total	253	195	272	South Africa	148	141	150
European Community:				Total	148	141	150
Belgium and Luxembourg	72	78	79	Asia:			
Denmark	4	4	4	Japan	480	470	504
France	450	417	334	Total	480	470	504
Germany, Fed. Rep. of	449	335	430	Oceania:			
Greece	117	111	111	Australia	139	124	146
Italy	1,064	802	930	New Zealand	13	14	14
Netherlands	115	96	93	Total	152	138	160
Spain	499	600	356	Total specified countries	5,171	4,788	4,978
United Kingdom	48	51	48				
Total EC	2,818	2,494	2,385				
Other Europe:							
Austria	54	44	49				
Norway	12	9	7				

¹ May include some cider varieties in countries not reporting separately.² Preliminary.³ Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 309.—Pears: Foreign trade, United States, 1972-85

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh ¹	Canned	Dried ¹	Dried, in fruit salad ¹ *	Canned, in fruit salad ²	Total, in terms of fresh fruit ⁴
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972	15,240	24,313	4,555	340	264	15,665	43,445
1973	8,382	39,135	5,388	110	296	18,372	65,470
1974	8,409	34,618	2,583	98	292	13,240	53,205
1975	7,079	33,914	3,567	250	307	12,724	53,777
1976 ⁵	4,298	27,489	3,348	285	270	14,461	48,800
1977 ⁵	5,775	35,744	4,320	(⁶)	310	15,097	57,117
1978 ⁵	6,828	39,085	3,009	(⁶)	234	14,908	58,479
1979 ⁵	8,054	39,370	2,625	(⁶)	399	19,130	63,643
1980 ⁵	9,425	49,246	3,003	(⁶)	448	19,098	74,174
1981 ⁵	9,327	49,512	2,689	(⁶)	329	14,572	66,849
1982 ⁵	9,896	34,698	2,026	(⁶)	295	12,086	50,611
1983 ⁵	13,188	35,066	1,108	(⁶)	368	7,356	45,851
1984 ⁵	18,604	25,909	1,084	(⁶)	329	6,617	35,684
1985 ⁵	25,663	30,519	1,027	(⁶)	365	6,909	40,156

¹ Net processed weight.² Dried pears are 16½ percent of total dried fruit for salad.³ Canned pears are 35 percent of total canned fruit for salad.⁴ Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.⁵ Year beginning October.⁶ Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 310.—Pears: Production and utilization, United States, 1972-86

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh ¹	Processed (fresh basis)	
				Canned ²	Dried
	Tons	Tons	Tons	Tons	Tons
1972	612,100	608,680	251,035	352,245	5,900
1973	730,420	725,840	307,230	413,710	4,900
1974	741,720	740,660	295,960	439,600	5,100
1975	748,000	741,800	328,780	(³)	(³)
1976	839,100	819,100	339,230	(³)	(³)
1977	781,600	779,500	298,390	(³)	(³)
1978	723,250	723,250	297,070	(³)	(³)
1979	854,700	854,200	300,100	(³)	(³)
1980	897,350	896,350	345,060	(³)	(³)
1981	897,000	898,950	377,950	(³)	(³)
1982	803,950	802,730	368,130	(³)	(³)
1983	774,650	774,450	384,450	(³)	(³)
1984	709,550	696,750	324,050	(³)	(³)
1985	746,850	746,700	349,400	(³)	(³)
1986 ⁴	765,550	759,550	374,620	(³)	(³)

¹ Includes "Home use."² For some States includes some dried or otherwise processed.³ Not published to avoid disclosure of individual operation.⁴ Preliminary.

National Agricultural Statistics Service.

Table 311.—Pears: Production and utilization, by States, crop of 1986 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh ¹	Processed ²
	Tons	Tons	Tons	Tons
CA, all.....	294,000	294,000	(³)	(³)
Bartlett.....	285,000	285,000	70,000	215,000
Other.....	9,000	9,000	(³)	(³)
CO.....	1,750	1,750	(³)	(³)
CT.....	1,600	1,600	1,600	(³)
MI.....	11,000	11,000	(³)	(³)
NY.....	19,000	18,000	(³)	(³)
OR, all.....	167,000	162,000	(³)	(³)
Bartlett.....	55,000	50,000	19,000	31,000
Other.....	112,000	112,000	(³)	(³)
PA.....	3,000	3,000	(³)	(³)
UT.....	2,200	2,200	2,200	(³)
WA, all.....	266,000	266,000	(³)	(³)
Bartlett.....	126,000	126,000	39,500	86,500
Other.....	140,000	140,000	(³)	(³)
US.....	765,550	750,550	374,620	384,930

¹ Includes "Home use."² Mostly canned, but includes small quantities dried, juiced, and other uses.³ Data not published to avoid disclosure of individual operations, but included in U.S. totals.
National Agricultural Statistics Service.

Table 312.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1972-86

Year	Area harvested	Yield per acre ¹	Production	Utilization		Price per pound	Value
				Fresh	Processed		
	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1972.....	985	26.1	25,735	21,959	3,776	13.3	3,423
1973.....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974.....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975.....	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976.....	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977.....	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978.....	2,190	40.6	² 89,000	54,624	9,376	13.0	8,304
1979.....	2,210	26.7	² 59,000	36,446	4,569	23.2	9,513
1980.....	1,950	37.9	² 74,000	45,360	3,556	20.4	9,964
1981.....	2,110	44.5	² 94,000	58,178	8,220	18.7	12,412
1982.....	2,170	38.7	² 84,000	44,770	7,980	21.8	11,484
1983.....	2,120	36.1	² 76,500	46,300	15,100	18.9	11,591
1984.....	2,590	46.3	² 120,000	67,900	13,500	11.4	9,196
1985.....	2,650	35.8	² 95,000	49,250	11,150	14.2	8,579
1986 ³	2,400	34.6	² 83,000	50,100	10,900	18.2	11,123

¹ Derived from total production.² Includes the following quantities of unharvested production and harvested fruit not sold (1,000 pounds units) respectively, 14,000 and 11,000 for 1978, 10,000 and 7,985 for 1979, 14,000 and 11,084 for 1980, 9,000 and 18,610 for 1981, 17,000 and 14,250 for 1982, 12,000 and 3,100 for 1983, and 21,700 and 17,800 for 1984, 15,000 and 19,600 for 1985, 7,000 and 15,000 for 1986.³ Preliminary.

National Agricultural Statistics Service.

Table 313.—Plums, California: Production, value, and utilization, 1972-86

Season	Total production	Utilized production	Season average price per ton ¹	Value	Utilization of quantities sold	
					Fresh ²	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons
1972.....	96,000	96,000	248.00	23,808	93,300	2,700
1973.....	97,000	97,000	321.00	31,137	95,800	3,200
1974.....	143,000	143,000	275.00	39,325	140,000	3,000
1975.....	124,000	124,000	279.00	34,596	121,500	2,640
1976.....	115,000	115,000	380.00	43,700	111,900	3,100
1977.....	157,000	157,000	313.00	49,141	156,000	1,000
1978.....	154,000	154,000	370.00	56,990	151,000	3,000
1979.....	175,000	175,000	277.00	48,475	173,000	2,000
1980.....	160,000	160,000	449.00	71,810	157,400	2,600
1981.....	197,500	197,500	309.00	61,082	194,200	3,200
1982.....	118,000	118,000	620.00	73,139	116,600	1,400
1983.....	158,500	158,500	435.00	69,020	155,700	2,800
1984.....	225,000	225,000	212.00	47,796	221,000	4,000
1985.....	166,500	166,500	514.00	85,512	(⁴)	(⁴)
1986 ³	152,000	152,000	657.00	99,857	(⁴)	(⁴)

¹ Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

² Includes "Home use."

³ Preliminary.

⁴ Missing data not published to avoid disclosure of individual operations, but included in total.

National Agricultural Statistics Service.

Table 314.—Pomegranates: Production, price, and value, California, 1972-86

Year	Total production	Utilized production	Price per ton	Value	Year	Total production	Utilized production	Price per ton	Value
	Tons	Tons	Dollars	1,000 dollars		Tons	Tons	Dollars	1,000 dollars
1972.....	7,100	7,100	124.00	880	1980.....	17,000	16,000	259.00	4,144
1973.....	5,800	5,800	170.00	986	1981.....	16,500	14,900	278.00	4,114
1974.....	8,100	8,100	151.00	1,223	1982.....	16,000	14,400	232.00	3,341
1975.....	8,600	8,600	143.00	1,230	1983.....	20,000	18,900	272.00	5,147
1976.....	9,000	9,000	210.00	1,890	1984.....	20,000	19,000	106.00	2,010
1977.....	10,000	10,000	143.00	1,430	1985.....	19,400	17,400	318.00	5,529
1978.....	9,500	9,500	233.00	2,214	1986 ¹	23,400	21,400	400.00	8,567
1979.....	13,000	11,000	324.00	3,564					

¹ Preliminary.

National Agricultural Statistics Service.

Table 315.—Prunes and plums: ¹ Production, value, and utilization, 4 States, 1972-86

Year	Total production	Utilized production	Season average price per ton	Value	Utilization of quantities sold			
					Fresh ²	Processed (fresh basis)		
						Dried and other	Canned ³	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
1972.....	42,400	41,580	173.00	7,228	29,040	2,000	7,460	3,380
1973.....	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974.....	71,200	71,200	150.00	10,685	35,350	(*)	21,965	(*)
1975.....	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976.....	77,000	73,500	123.00	9,046	38,150	12,850	29,900	1,600
1977.....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978.....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979.....	59,200	59,200	209.00	12,382	34,100	11,400	11,800	1,900
1980.....	76,600	76,600	179.00	13,741	40,500	6,400	18,500	2,200
1981.....	85,100	62,600	156.00	9,754	32,900	11,300	16,900	1,500
1982.....	51,500	47,500	289.00	12,754	26,550	11,300	8,250	1,400
1983.....	51,200	49,200	198.00	9,778	30,000	8,670	9,430	1,100
1984.....	52,000	51,000	208.00	10,633	28,200	10,800	11,400	600
1985.....	51,700	48,100	230.00	11,047	21,700	10,700	14,400	1,300
1986 ⁴	47,100	43,600	258.00	11,252	20,400	10,100	12,000	1,100

¹ Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

² Includes "Home use."

³ Beginning 1971, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

⁴ Not published to avoid disclosure of individual operations.

⁵ Preliminary.

National Agricultural Statistics Service.

Table 316.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1984-86

State	Total production			Utilized production			Price ² for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
ID.....	7,000	4,500	5,000	7,000	4,500	5,000	320.00	418.00	477.00
MI.....	12,000	11,000	11,000	12,000	11,000	11,000	276.00	299.00	243.00
OR.....	15,000	26,000	26,000	14,000	22,000	22,000	169.00	163.00	155.00
WA.....	18,000	10,200	9,100	18,000	10,200	9,100	151.00	220.00	366.00
Total, 4 States.....	52,000	51,700	51,100	51,000	47,700	47,100	208.00	230.00	258.00

¹ Preliminary.

² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 317.—Prunes (dried basis), California: Production, price and value, 1972-86 ¹

Season	Production ²	Season average price per ton ³	Value
	Tons	Dollars	1,000 dollars
1972	77,000	526.00	41,195
1973	205,000	462.00	94,710
1974	142,000	440.00	62,480
1975	149,000	402.00	59,896
1976	145,000	412.00	60,976
1977	159,000	499.00	79,341
1978	122,000	696.00	91,872
1979	136,000	812.00	110,432
1980	168,000	683.00	114,744
1981	169,500	654.00	109,313
1982	126,000	679.00	85,554
1983	145,000	667.00	96,715
1984	145,000	603.00	102,564
1985	141,000	680.00	95,880
1986 ⁴	99,000	792.00	78,408

¹ The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit.² Production all utilized.³ Equivalent returns at the processing plant door.⁴ Preliminary.

National Agricultural Statistics Service.

Table 318.—Prunes and plums: ¹ Utilization and season average price per ton, 1982-86

State and season	Quantity				Price ⁴			
	Fresh ²	Dried and other ³	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
ID:	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
1982	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1983	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1984	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1985	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1986	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
MI:								
1982	5,900	(⁵)	3,500	(⁵)	343.00	(⁵)	132.00	(⁵)
1983	5,200	(⁵)	2,700	(⁵)	270.00	(⁵)	127.00	(⁵)
1984	5,500	(⁵)	5,700	(⁵)	363.00	(⁵)	303.00	(⁵)
1985	4,400	(⁵)	6,100	(⁵)	385.00	(⁵)	238.00	(⁵)
1986	5,500	(⁵)	5,000	(⁵)	370.00	(⁵)	115.00	(⁵)
OR:								
1982	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1983	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1984	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1985	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1986	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
WA:								
1982	10,050	(⁵)	(⁵)		340.00	(⁵)	(⁵)	(⁵)
1983	12,100	(⁵)	(⁵)	(⁵)	189.00	(⁵)	(⁵)	(⁵)
1984	11,400	(⁵)	(⁵)	(⁵)	189.00	(⁵)	(⁵)	(⁵)
1985	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1986	7,400	(⁵)	(⁵)	(⁵)	437.00	(⁵)	(⁵)	(⁵)
Total 4 States:								
1982	25,550	11,300	8,250	1,400	362.00	158.00	108.00	91.50
1983	30,000	8,670	9,430	1,100	257.00	95.00	118.00	129.00
1984	28,200	10,800	11,400	600	266.00	70.00	198.00	225.00
1985	21,700	10,700	14,400	1,300	329.00	113.00	175.00	140.00
1986	20,400	10,100	12,000	1,100	432.00	100.00	107.00	112.00

¹ Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.² Includes "Home use."³ Some quantities otherwise processed are included to avoid disclosure of individual operations.⁴ Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.⁵ Not published to avoid disclosure of individual operations, but is included in total.

National Agricultural Statistics Service.

Table 319.—Prunes and plums, fresh: Production in specified countries, 1984-86

Continent and country	1984	1985 ¹	1986 ¹	Continent and country	1984	1985 ¹	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Spain	129.0	141.0	190.0
Canada	5.4	7.0	7.5	Yugoslavia	630.0	484.0	719.0
United States	854.1	582.4	438.8	Total	1,610.1	1,448.2	1,690.6
Total	859.5	589.6	446.3				
South America:				Oceania:			
Argentina	52.9	56.9	44.5	Australia	39.0	21.0	19.8
Chile	28.0	39.0	51.0	New Zealand	4.1	4.3	4.4
Total	80.9	95.9	95.6	Total	24.1	25.3	24.2
Europe:				Africa:			
France	227.7	197.0	207.7	South Africa	14.8	12.1	14.1
Germany, Fed. Rep. of	488.2	481.2	432.9	Total	14.8	12.1	14.1
Italy	135.2	145.0	150.0	Total specified countries	2,389.4	2,171.1	2,210.8

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 320.—Prunes, dried: United States exports by country of destination, 1983/84-1985/86

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1983/84	1984/85	1985/86		1983/84	1984/85	1985/86
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Europe:				Bermuda and Caribbean:			
Austria	394	280	214	Bermuda	5	2	10
Belgium and Luxembourg	719	500	584	Dominican Republic	79	29	77
Denmark	1,506	1,229	1,716	Haiti	12	3	1
Finland	2,779	1,991	2,209	Netherlands Antilles	89	51	97
France	4,601	1,479	1,286	Trinidad and Tobago	308	247	237
Germany, Fed. Rep. of	5,176	4,827	6,304	Other countries	30	23	18
Iceland	22	12	12	Total	523	365	452
Ireland	37	46	32				
Italy	6,742	5,779	9,210	Other countries:			
Netherlands	2,500	1,028	2,396	Australia	620	955	945
Norway	1,602	1,148	1,287	Canada	2,792	2,197	2,827
Spain	2,680	1,385	2,053	Canary Islands	8	0	0
Sweden	2,950	2,351	2,272	Hong Kong	361	282	744
Switzerland	610	626	631	Israel	231	303	539
United Kingdom	3,063	2,982	3,077	Japan	9,593	8,255	7,145
Other countries	365	172	474	Malaysia	410	154	127
Total	35,696	25,745	33,857	New Zealand	401	342	348
Latin America:				Singapore	739	596	823
Brazil	36	47	73	Taiwan	415	0	0
Colombia	204	18	8	Other countries	307	3,452	331
Costa Rica	4	17	5	Total	16,409	16,997	14,496
Ecuador	1	0	1	Grand total	54,038	44,488	50,938
Guatemala	44	31	8				
Mexico	515	665	1,354				
Panama	86	158	167				
Venezuela	530	429	507				
Other countries	10	26	10				
Total	1,420	1,391	2,133				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 321.—Prunes: Foreign trade, United States, 1972-85

Year beginning July	Imports				Domestic exports			
	Fresh prunes and plums	Other-wise prepared or preserved	Dried prunes ¹	Total, in terms of fresh ²	Fresh prunes and plums	Dried prunes ¹	Dried, in fruit salad ³	Total, in terms of fresh ²
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	288	986	4,378	12,540	15,165	33,306	680	103,396
1973.....	736	902	542	2,956	16,170	53,357	767	156,684
1974.....	720	806	30	1,523	16,755	36,201	754	112,696
1975.....	1,379	946	270	2,930	19,665	63,715	792	187,335
1976 ⁴	819	885	498	2,906	21,482	47,910	606	147,671
1977 ⁴	1,479	771	263	2,355	23,400	52,648	799	162,157
1978 ⁴	1,390	806	359	2,947	20,175	43,290	603	134,050
1979 ⁴	835	803	267	2,251	21,236	43,983	1,030	135,097
1980 ⁴	1,526	760	58	2,360	25,813	56,440	1,156	175,341
1981 ⁴	1,657	784	86	2,586	21,562	59,061	849	177,096
1982 ⁴	3,801	843	459	5,750	19,607	49,573	735	150,214
1983 ⁴	6,060	1,106	636	8,705	25,897	52,731	949	165,259
1984 ⁴	13,517	1,292	648	16,361	20,847	46,007	850	142,495
1985 ⁴	15,170	859	1,369	19,496	23,680	50,829	942	158,085

¹ Net processed weight.² Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.³ Dried prunes in salad estimated at 43 percent of total dried fruit for salad.⁴ Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 322.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1984-86

Utilization, season, and State	Production			Value per unit		
	1984	1985	1986 ¹	1984	1985	1986 ¹
FOR FRESH MARKET²	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:						
FL.....	867	1,060	907	44.80	57.80	55.30
Total.....	867	1,060	907	44.80	57.80	55.30
Spring:						
AR.....	17	17	18	43.50	46.00	50.00
CA.....	5,908	5,904	5,804	49.10	51.90	58.30
LA.....	37	30	34	54.00	53.00	57.00
MI.....	146	100	78	41.40	42.50	48.10
NJ.....	50	61	38	58.30	50.20	54.30
NY.....	153	168	182	54.70	44.60	41.90
NC.....	48	46	48	41.80	40.40	50.50
OH.....	77	92	57	59.00	60.00	61.00
OR.....	47	43	50	54.00	53.00	65.00
PA.....	51	42	48	81.30	82.70	87.30
WA.....	22	23	20	50.00	47.00	55.00
WI.....	59	55	64	53.00	54.00	57.00
Total.....	6,615	6,481	6,441	49.50	51.80	57.90
US.....	7,482	7,541	7,348	49.00	52.60	57.00
PROCESSING						
Spring:						
CA.....	1,636	1,934	2,074	17.60	16.90	22.60
MI.....	43	63	66	24.00	31.90	39.60
OR.....	560	460	585	22.50	29.00	44.20
WA.....	186	190	120	23.00	31.00	45.00
US.....	2,427	2,647	2,845	19.30	20.40	28.40

¹ Preliminary.² Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

National Agricultural Statistics Service.

Table 323.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1972-86

Year	Fresh market and processing					Fresh market ²			Processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production of value	Value ²		Production of value	Value ²	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1972.....	43,410	106	4,692	24.00	110,262	3,211	27.19	86,948	1,391	16.90	23,314
1973.....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974.....	39,260	137	5,388	28.90	155,122	3,706	32.50	120,286	1,682	20.70	34,894
1975.....	39,590	139	5,504	30.60	168,352	3,774	35.50	133,917	1,732	19.90	34,435
1976.....	34,450	169	5,807	32.90	191,022	3,695	37.70	139,268	2,112	24.50	51,754
1977.....	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978.....	37,600	175	6,582	31.70	209,257	4,779	36.70	175,155	1,813	18.90	34,102
1979.....	36,500	175	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980.....	36,050	195	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661
1981.....	37,000	200	7,418	42.00	311,147	5,575	47.10	253,289	2,041	28.30	57,858
1982.....	40,250	219	8,890	48.10	424,592	5,896	55.30	325,338	2,534	33.80	99,254
1983.....	43,400	206	8,935	45.60	407,186	5,854	53.00	310,072	3,061	31.50	97,116
1984.....	43,300	229	9,909	41.70	413,251	7,482	49.00	366,501	2,427	19.30	46,750
1985.....	44,050	231	10,138	44.30	450,819	7,541	52.00	396,894	2,647	20.40	53,925
1986 ⁴	44,350	230	10,130	49.40	503,641	7,348	57.60	422,898	2,846	28.40	80,743

¹ Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 100 in 1970, 1 in 1977, 1 in 1978, 28 in 1979, 48 in 1980, 22 in 1981, 11 in 1982, 21 in 1983, and 19 in 1984.

² Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

³ Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 324.—Strawberries, commercial crop: Area, production, value per hundredweight, by States, 1984-86 ¹

Season and State	Area			Production			Value per unit		
	1984	1985	1986 ²	1984	1985 ²	1986 ²	1984	1985 ²	1986 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
FL.....	5,100	5,300	4,900	867	1,060	907	44.80	57.80	55.30
Total.....	5,100	5,300	4,900	867	1,060	907	44.80	57.80	55.30
Spring:									
AR.....	300	300	300	17	17	18	43.50	46.00	50.00
CA.....	14,100	14,600	15,600	7,544	7,738	7,878	42.30	43.20	48.90
LA.....	600	550	550	37	30	34	54.00	53.00	57.00
MI.....	2,700	2,500	2,400	189	163	144	37.40	38.70	44.20
NJ.....	1,000	1,100	900	50	61	38	59.30	50.20	54.30
NY.....	3,000	3,300	3,300	153	168	182	54.70	44.60	41.90
NC ³	2,100	2,100	2,100	48	46	48	41.90	40.40	50.50
OH.....	1,600	1,700	1,500	77	92	57	59.00	60.00	61.00
OR ³	6,600	6,800	7,300	607	503	635	24.90	31.10	45.80
PA.....	1,700	1,400	1,400	51	42	48	81.30	82.70	87.30
WA.....	3,600	3,000	2,800	210	213	140	25.80	32.70	46.40
WI ³	1,500	1,400	1,300	59	55	64	53.00	54.00	57.00
Total.....	38,200	38,750	39,450	9,042	9,128	9,296	41.40	42.70	48.80
US.....	43,300	44,050	44,350	9,900	10,188	10,193	41.70	44.30	49.40

¹ Includes quantities used for fresh market and processing.

² Preliminary.

³ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1983—North Carolina, 10, Wisconsin, 11; 1984—North Carolina, 8, and Wisconsin, 11.

National Agricultural Statistics Service.

Table 325.—Fruits: Arrivals at 4 markets, by commodities, 1986¹

Commodity	Baltimore ²			Boston			New York ³			Philadelphia		
	Rail, boat, and air	Motor-truck ⁴	Total	Rail, boat, and air	Motor-truck ⁴	Total	Rail, boat, and air	Motor-truck ⁴	Total	Rail, boat, and air	Motor-truck ⁴	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:												
Grapefruit.....	35	249	285	297	299	496	501	319	920	132	181	313
Lemons.....	38	94	132	116	58	174	403	94	497	95	68	163
Limes.....	-	22	22	-	46	46	-	98	98	-	20	20
Mixed citrus.....	57	-	57	101	-	101	617	-	617	139	-	139
Oranges.....	118	472	585	1,198	398	1,586	1,834	503	2,337	422	226	648
Tangelos.....	-	18	18	-	23	23	-	11	11	2	18	20
Tangerines.....	4	31	35	7	57	64	64	30	94	4	36	40
Temple.....	-	18	18	-	15	15	-	18	18	-	11	11
Citrus, other ⁵	-	10	10	-	11	11	21	14	35	5	18	23
Total.....	248	914	1,162	1,629	887	2,516	3,440	1,087	4,527	799	568	1,367
Non-citrus:												
Apples.....	51	386	437	294	548	842	839	560	1,399	147	311	458
Apricots.....	-	1	1	-	3	3	-	3	3	1	3	4
Avocados.....	-	30	30	-	50	50	-	73	73	-	11	11
Bananas.....	-	950	950	-	874	874	6,736	1,740	8,476	-	427	427
Blueberries.....	-	10	10	-	29	29	-	29	29	-	6	6
Cherries.....	-	18	18	3	31	34	9	27	36	3	8	12
Cranberries.....	-	1	1	-	6	6	-	7	7	-	1	1
Grapes, table.....	10	342	352	152	450	602	284	391	675	120	296	326
Grapes, juice.....	-	3	3	-	7	7	-	-	-	2	8	10
Kiwifruit.....	-	3	3	-	4	4	-	8	8	-	-	-
Mangoes.....	-	12	12	1	15	16	-	76	76	-	8	8
Mixed deciduous.....	4	-	4	130	-	130	9	-	9	4	-	4
Nectarines.....	4	70	74	39	86	125	60	70	130	34	57	91
Papaya.....	-	-	-	1	-	1	-	5	5	-	-	-
Peaches.....	1	104	105	16	210	226	20	249	269	3	120	123
Pears.....	17	105	122	134	127	261	254	160	404	73	103	175
Pineapples.....	8	1	9	-	3	3	-	4	4	-	-	-
Plantains.....	-	27	27	22	62	84	72	18	90	7	18	25
Plum-prunes.....	2	61	63	36	78	113	96	74	170	19	57	76
Pomegranates.....	-	3	3	-	2	2	-	4	4	-	2	2
Strawberries.....	7	114	121	17	182	199	1	374	375	12	156	168
Fruits, other ⁶	-	-	-	3	2	5	2	3	5	-	-	-
Total.....	104	2,238	2,342	855	2,772	3,627	8,403	3,870	12,273	424	1,515	1,939
Grand total.....	352	3,152	3,504	2,484	3,659	6,143	11,843	4,957	16,800	1,223	2,083	3,306

¹ Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

² Includes Washington.

³ Estimated percentages of completeness for reported truck arrivals for 1986 are as follows: Baltimore 90, Boston 95, New York 85, and Philadelphia 90.

⁴ Includes Newark.

⁵ Not otherwise specified.

Agricultural Marketing Service.

Table 326.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1986 ¹

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ²		
	Rail, boat, and air	Motor truck ³	Total	Rail, boat, and air	Motor truck ³	Total	Rail, boat, and air	Motor truck ³	Total	Rail, boat, and air	Motor truck ³	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:												
Grapefruit.....		177	177	84	241	325		434	434		355	355
Lemons.....		129	129	206	181	339		328	328		196	196
Limes.....		19	19		37	37		194	194		82	82
Mixed citrus.....				120		120						
Oranges.....		373	373	1,811	676	2,487		1,610	1,610		1,045	1,045
Tangelos.....		16	16	24	12	36		48	48		33	33
Tangerines.....		24	24	6	43	49		99	99		72	72
Templets.....		13	13		9	9						
Citrus, other ⁴					12	12					11	11
Total.....	0	751	751	2,253	1,161	3,414	0	2,713	2,713	0	1,794	1,794
Noncitrus:												
Apples.....	24	317	341	277	566	843	53	2,237	2,290		1,448	1,448
Apricots.....					4	4		22	22		20	20
Avocados.....		22	22	6	51	57		280	280		299	299
Bananas.....		556	556		1,141	1,141	3,691		3,691		1,920	1,920
Blueberries.....		6	6		5	5	2	18	20		5	5
Cherries.....		5	5	2	24	26		114	114		56	56
Cranberries.....		2	2		1	1					4	4
Grapes, table.....		256	256	606	369	975	132	827	959		565	565
Grapes, juice.....					11	11						
Kiwifruit.....		3	3		1	1		27	27	12	8	20
Mangoes.....					25	25		140	140		101	101
Mixed deciduous.....				144		144						
Nectarines.....		30	30		97	110	26	202	228		147	147
Papaya.....							79	7	86	13		13
Peaches.....		87	87	21	174	195	3	343	346		195	195
Pears.....		46	46	151	173	324	12	457	469		318	318
Persimmons.....					3	3		20	20		13	13
Pineapples.....	3	64	67	17	46	63	175	5	180	115		115
Plantains.....					11	11	1	20	21		25	25
Plums-prunes.....		43	43	89	85	174	12	148	160		91	91
Pomegranates.....					3	3		11	11		7	7
Strawberries.....		108	108	10	169	179	5	276	281	1	215	216
Fruits, other ⁴					4	4	1	43	44		18	18
Total.....	27	1,545	1,572	1,420	2,976	4,396	4,192	5,197	9,389	141	5,455	5,596
Grand total.....	27	2,296	2,323	3,673	4,137	7,810	4,192	7,910	12,102	141	7,249	7,390

¹ Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

² Estimated percentages of completeness for reported truck arrivals for 1986 are as follows: Atlanta 90, Chicago 90, Los Angeles 85, and San Francisco 90.

³ Includes Oakland.

⁴ Not otherwise specified.

Agricultural Marketing Service.

Table 327.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1986¹

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Grapefruit.....	2,383	2,147	2,490	2,021	730	179	132	65	84	1,718	1,978	2,181	16,108
Lemons.....	783	726	966	872	1,098	856	977	934	613	662	896	685	9,967
Limes.....	94	68	58	37	36	70	101	117	98	98	98	98	970
Mixed citrus.....	35	27	36	23	39	36	97	26	15	7	15	6	313
Oranges.....	4,172	4,073	5,909	5,402	5,022	2,601	2,039	2,390	2,384	2,386	4,444	4,975	45,699
Tangelos.....	193	32	7	4	1								991
Tangerines.....	170	125	130	36	9				1	82	185	280	1,018
Templets.....	386	213	94	22	5								729
Citrus, other ²									4	125	13		142
Total.....	8,225	7,421	9,690	8,417	6,940	2,742	2,186	2,534	3,094	5,101	7,864	8,723	75,937
Non-citrus:													
Apples.....	2,486	2,715	2,297	2,386	2,069	898	760	816	2,381	2,596	4,049	3,457	28,910
Apricots.....				1	80	47	45	20					193
Avocados.....	234	205	304	283	370	306	279	368	296	300	374	379	3,688
Blueberries.....						76	201	74	4				355
Cranberries.....									15	25	52	19	111
Cherries.....				4	110	784	173						1,071
Grapes, table.....	969	150	82	25	854	1,424	2,113	2,429	2,014	1,539	1,300	965	13,254
Grapes, juice.....								25	1,139	444	2		1,610
Kiwi fruit.....	81	45	40	19	3				1	22	39	85	305
Mangoes.....					1	37	28	6			2		74
Mixed deciduous.....	13	13	18	17	31	104	104	21	8	4	8	2	343
Nectarines.....				14	483	1,210	1,154	693	163				3,717
Papaya.....	32	36	35	42	43	24	31	30	27	50	36	40	436
Peaches.....				23	916	1,586	1,780	1,884	719	38			6,946
Pears.....	494	473	480	358	276	84	449	615	852	927	864	621	6,493
Persimmons.....									2	50	28	30	100
Pineapples.....	198	207	225	254	274	299	298	211	197	220	198	195	2,626
Plums—fresh prunes.....					378	931	1,295	438	260	41			3,243
Pomegranates.....								7	32	41	11	1	92
Strawberries.....	134	279	776	1,448	1,616	847	502	297	204	76	37	40	6,256
Fruits, other ²							1		1	1			3
Total.....	4,041	4,123	5,257	4,874	7,504	8,577	9,150	7,934	8,305	7,374	7,000	5,784	79,926
Grand total.....	12,266	11,544	14,947	13,291	14,444	12,319	12,339	11,468	11,399	12,475	14,864	14,507	155,863

¹ Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics, 1978*, table 370.

² Not otherwise specified.

Agricultural Marketing Service.

Table 328.—Fruits, noncitrus: Production, utilization, and value, United States, 1972-86¹

Year	Utilized production	Fresh ^a	Processed							Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	
1972.....	9,323	3,155	2,711	864	720	244	1,520	169	1,363,963	
1973.....	11,694	3,465	2,819	1,795	598	254	2,567	196	1,988,135	
1974.....	11,861	4,270	2,250	1,655	768	223	2,416	279	1,987,805	
1975.....	12,305	4,734	2,056	1,920	863	251	2,276	205	1,919,399	
1976.....	11,769	4,564	1,942	1,661	818	254	2,322	208	2,061,819	
1977.....	12,216	4,531	2,060	1,870	841	244	2,412	258	2,533,727	
1978.....	12,460	4,166	2,549	1,365	1,140	227	2,672	311	3,084,322	
1979.....	13,689	4,358	2,758	2,044	1,285	226	2,713	305	3,404,222	
1980.....	15,152	5,010	2,747	2,498	1,418	251	2,996	322	3,491,419	
1981.....	12,961	4,766	2,293	1,722	1,235	291	2,522	390	3,586,740	
1982.....	14,217	4,696	2,332	2,183	1,255	227	3,227	317	3,480,072	
1983.....	13,707	4,805	2,123	2,481	1,445	185	2,423	245	3,580,800	
1984.....	13,796	4,979	2,272	2,060	1,322	245	2,693	225	3,316,540	
1985.....	13,672	4,599	2,284	2,186	1,219	253	2,919	212	3,414,791	
1986 ^a	13,346	4,912	2,228	1,873	1,080	286	2,907	280	3,900,405	

See footnotes on page 226.

Table 329.—Fruit juices, canned: United States packs, 1972–85

Season	Citrus juices ¹				Pineapple juice ²	Apple juice
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends		
	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³
1972	28,262	17,053	2,135	24	12,328	13,822
1973	29,001	13,819	1,983	18	11,350	12,852
1974	21,629	13,294	1,723	12	8,448	14,544
1975	25,821	13,460	2,769	19	8,713	15,013
1976	27,689	14,435	1,584	35	10,205	15,719
1977	26,379	15,829	1,945	8	11,977	17,056
1978	25,175	18,905	1,138	19	11,336	20,804
1979	24,228	18,367	1,534	17	12,186	25,306
1980	19,429	17,604	1,082	9	12,405	25,131
1981	20,429	13,730	812	6	13,373	26,761
1982	⁴ 11,651	⁴ 9,802	⁴ 650	4	(⁵)	(⁵)
1983	⁴ 9,513	⁴ 9,084	⁴ 555	(⁵)	(⁵)	(⁵)
1984	⁴ 10,552	⁴ 7,425	⁴ 615	1	(⁵)	(⁵)
1985	⁴ 9,948	⁴ 7,597	⁴ 677	(⁵)	(⁵)	(⁵)

¹ Excluding citrus concentrates.² Hawaii and foreign operations.³ Equivalent cases of 24 No. 2 cans.⁴ Florida only.⁵ Not available.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 330.—Fruits, dried: Production (dry basis), United States, 1972–86

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes ¹	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1972	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973	15,481	3,260	23,190	11,220	1,500	790	161,760	224,550	441,661
1974	12,325	2,640	22,760	11,430	1,750	700	² 105,221	242,150	398,916
1975	14,344	4,590	24,300	8,840	2,375	980	² 102,695	283,550	442,184
1976	14,331	4,650	22,400	7,000	2,500	1,270	² 104,322	² 218,400	376,873
1977	14,094	5,100	25,400	11,000	2,500	1,130	² 116,414	248,900	424,538
1978	13,813	3,600	21,550	6,930	2,000	855	² 94,966	172,500	315,675
1979	15,982	5,300	21,300	10,240	1,800	1,630	² 95,451	303,400	455,003
1980	12,169	3,600	22,400	11,400	2,200	1,500	² 124,499	310,550	488,318
1981	11,875	3,800	22,300	10,150	2,050	1,440	² 120,675	258,000	430,290
1982	13,119	4,800	23,900	9,650	2,600	1,300	² 88,692	295,300	439,261
1983	17,707	4,100	17,000	9,000	2,000	1,070	² 112,501	398,500	561,876
1984	18,038	3,520	22,200	9,800	1,550	780	² 110,227	335,350	501,465
1985	15,150	2,000	28,900	8,870	2,050	1,310	² 105,415	347,940	511,338
1986 ⁴	14,088	1,400	19,300	11,600	1,800	1,410	² 65,796	278,900	394,294

¹ Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.² Excludes Oregon.³ Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes.⁴ Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

FOOTNOTES FOR TABLE 325

¹ Includes the following crops: Apples, apricots, avocados, bananas, bushberries (through 1981), cherries, cranberries, dates, figs, grapes, kiwifruit (beginning 1980), nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977.² Includes "Home Use", local and roadside sales.³ Preliminary.

National Agricultural Statistics Service.

Table 331.—Fruits, dried: Commercial production in specified countries, 1984/85–1986/87

Commodity/country	1984/85	1985/86	1986/87 ¹	Commodity/country	1984/85	1985/86	1986/87 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Prunes:				Raisins:			
Argentina.....	8,000	4,500	3,000	Argentina.....	5,800	4,900	6,000
Australia.....	3,547	3,300	2,600	Australia.....	70,327	93,200	60,000
Chile.....	5,500	9,300	10,000	Chile.....	6,200	9,000	8,000
France.....	38,941	25,742	34,500	Greece.....	67,000	90,000	73,000
South Africa.....	1,652	2,395	1,750	Mexico.....	6,934	21,145	12,500
United States.....	134,260	126,100	88,900	South Africa.....	28,545	38,948	30,500
Yugoslavia.....	20,000	18,700	22,000	Turkey.....	80,000	120,000	100,000
Total.....	211,900	190,037	162,750	United States.....	304,225	324,720	336,385
				Total.....	569,081	701,913	626,385

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 332.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1986¹

Commodity	Northeast ^a	South ^a	Midwest ^a	West ^a	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples.....	^a 44,532		48,307	18,294	111,133
Apricots.....				14,308	14,308
Cherries, sweet.....			^a 5,163	9,241	14,404
Grapes and pulp.....					(^b)
Peaches.....				^{10 11} 89,076	89,076
Plums and prunes.....				^{10 11} 4,354	4,354
Purées, noncitrus ^a			^{a 10} 1,586	27,838	29,424
Berries:					
Blackberries.....				^{10 11} 12,955	12,955
Blueberries.....	^a 43,402		31,323	3,029	77,754
Boysenberries.....				5,493	5,493
Loganberries.....				1,133	1,133
Raspberries, black.....			^{a 10} 1,878		1,878
Raspberries, red.....			^a 6,443	^{10 11} 13,645	13,645
Strawberries.....				231,162	237,604
Citrus juices ¹		1,551,722			1,551,722
Miscellaneous fruits and berries ^a				^{a 11} 22,960	22,960
Total.....	87,934	1,551,722	94,499	453,488	2,187,643

See footnotes on page 230.

Table 333.—Fruits, frozen: Commercial pack, United States, 1977-86

Commodity	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	97,304	68,337	60,827	69,109	105,893	100,378	75,576	77,996	85,481	111,133
Apricots.....	15,749	11,814	16,941	10,409	13,606	16,766	14,077	16,565	11,770	14,308
Cherries, sweet.....	13,011	18,362	13,262	10,776	14,209	17,206	17,303	13,282	10,262	14,404
Grapes and pulp.....	4,892	4,529	2,264	2,178	2,901	8,442	10,006	(¹)	4,715	(¹)
Peaches.....	69,323	40,814	62,510	56,274	69,612	56,714	56,454	75,877	70,270	89,076
Plums and prunes.....	3,594	2,774	5,649	6,195	4,248	5,631	2,646	3,436	4,400	4,354
Purees, noncitrus.....	16,833	16,338	12,251	8,913	16,128	20,268	16,169	15,645	24,655	29,424
Berries:										
Blackberries.....	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130	12,681	12,955
Blueberries.....	14,750	27,992	31,485	36,426	50,141	46,464	43,528	54,835	54,506	77,754
Boyseberries.....	3,836	3,048	2,732	4,678	3,627	5,101	3,549	3,524	2,561	5,493
Currents.....	765	654	475	461	330	555	(¹)	(¹)	(¹)	(¹)
Loganberries.....	3,427	2,089	1,276	1,905	1,552	1,666	2,223	1,018	775	1,133
Olallieberries.....	(¹)	2,886	3,082	3,646	374	(¹)	(¹)	(¹)	(¹)	(¹)
Raspberries.....	24,988	21,195	23,518	21,426	26,179	26,717	19,855	19,659	14,784	15,323
Strawberries.....	220,391	159,834	190,572	253,072	210,558	272,676	292,682	231,414	229,152	237,604
Citrus juices ²	1,711,977	1,726,514	1,901,847	2,403,811	1,809,524	1,643,272	1,726,906	1,223,389	1,402,320	1,551,722
Miscellaneous fruits and berries.....	20,694	16,021	16,897	18,051	16,620	19,449	5,640	37,839	16,148	22,960
Total.....	2,244,786	2,142,780	2,360,411	2,928,204	2,352,599	2,257,587	2,301,175	1,785,609	1,944,490	2,187,643

¹ Included in miscellaneous fruits and berries.² Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 334.—Fruit and juices: Cold-storage holdings, end of month, United States, 1985 and 1986

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	2,464,229	2,125,218	61,902	69,861	44,944	55,079	87,393	152,141
February.....	1,858,101	1,550,163	65,312	69,251	41,995	47,887	78,206	139,872
March.....	1,372,266	1,039,060	63,564	74,506	35,105	37,897	68,123	125,268
April.....	910,448	612,552	61,165	71,947	29,504	32,275	62,484	115,598
May.....	485,071	266,857	56,404	70,996	23,848	25,797	52,179	107,656
June.....	291,206	118,775	51,541	66,451	20,128	20,367	62,013	100,834
July.....	131,900	25,413	45,807	59,861	23,223	27,743	199,217	204,698
August.....	34,433	7,948	34,502	54,534	65,010	69,531	214,598	210,921
September.....	1,712,234	2,349,540	32,016	44,430	77,714	68,264	205,667	199,419
October.....	3,668,276	4,142,547	41,951	47,387	75,998	64,065	190,279	197,738
November.....	3,342,492	3,532,240	49,718	56,898	69,981	57,123	180,982	182,831
December.....	2,724,654	2,891,674	60,576	67,289	60,397	49,568	170,742	169,600

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	152,762	137,719	622,629	656,242	883,390	888,408
February.....	132,651	123,956	569,226	597,096	1,050,611	966,839
March.....	119,488	110,216	511,287	537,480	1,102,731	911,509
April.....	112,437	104,243	458,482	493,857	1,188,669	1,031,162
May.....	149,370	111,296	442,203	461,445	1,229,462	1,047,501
June.....	252,193	233,489	527,441	558,112	1,063,683	1,056,893
July.....	257,865	242,981	706,975	719,601	1,036,121	920,388
August.....	242,477	226,730	743,836	741,078	912,432	855,272
September.....	231,962	198,831	757,113	740,739	882,167	715,568
October.....	211,970	187,729	826,223	834,467	778,770	577,830
November.....	188,828	165,918	788,918	777,588	655,984	524,761
December.....	167,056	146,616	720,674	720,850	679,248	621,160

National Agricultural Statistics Service.

Table 335.—Canned fruits and fruit juices: ¹ Cannery's beginning of season, United States, 1983-86

Commodity	Season beginning—	Cannery's stocks					
		1983	1984	1983	1984	1985	1986
		1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
Canned fruits:							
Apricots.....	June 1.....	316	158	219	123	544	364
Cherries, red pitted.....	July 1.....	48	8	42	7	93	61
Cherries, sweet.....	June 1.....	226	287	168	200	131	160
Peaches.....	June 1.....	7,265	* 1,729	5,762	* 1,140	* 4,191	5,995
Pears.....	June 1.....	4,410	2,225	3,327	1,563	1,645	3,018
Purple plums.....	June 1.....	288	95	231	95	184	281
Fruit cocktail.....	June 1.....	5,954	3,529	3,824	2,211	2,329	4,039
Canned juices:							
Grapefruit.....	Oct. 1.....	2,302	1,454	2,422	1,704	1,288	1,515
Orange.....	Oct. 1.....	1,429	1,229	1,414	1,187	889	987
Blended orange and grapefruit.....	Oct. 1.....	118	124	150	100	136	126

See footnotes on page 231.

Table 336.—Fruits: Total and per capita consumption, United States, 1972-86¹

Year	Fruits used fresh							
	Total fruit		Citrus fruit ²		Noncitrus fruits ³		Canned fruits ⁴	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1972.....	15,844	75.5	5,762	27.5	10,082	48.0	2,691	12.8
1973.....	16,469	77.7	5,812	27.4	10,657	50.3	2,669	12.6
1974.....	16,924	79.1	5,863	27.4	11,061	51.7	2,518	11.8
1975.....	18,303	84.7	6,345	29.4	11,958	55.3	2,539	11.8
1976.....	18,326	84.0	6,330	29.0	11,996	55.0	2,663	12.2
1977.....	18,069	82.0	5,784	28.2	12,285	55.8	2,731	12.4
1978.....	18,547	83.3	5,909	28.6	12,638	56.7	2,419	10.9
1979.....	18,909	84.0	5,557	24.7	13,352	59.3	2,447	10.9
1980.....	20,437	89.7	6,573	28.9	13,864	60.8	2,428	10.7
1981.....	19,873	86.4	5,750	25.0	14,123	61.4	2,295	10.0
1982.....	20,177	86.8	5,749	24.7	14,428	62.1	2,246	9.6
1983.....	21,528	91.7	6,880	29.3	14,648	62.4	2,170	9.2
1984.....	21,586	91.1	5,662	23.9	15,924	67.2	2,116	8.9
1985.....	21,449	89.6	5,609	23.4	15,840	66.2	2,023	8.4
1986 ⁵	22,883	94.7	6,281	26.0	16,602	68.7	2,127	8.8

Year	Canned juice ⁶		Chilled juice ⁷		Frozen fruit and juice ⁸		Dried fruits ⁹	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1972.....	1,441	6.9	1,074	5.1	2,575	12.2	386	1.8
1973.....	1,596	7.5	1,093	5.2	2,540	12.0	495	2.3
1974.....	1,540	7.2	1,093	5.7	2,554	12.0	478	2.3
1975.....	1,595	7.4	1,204	5.6	3,005	13.9	589	2.7
1976.....	1,616	7.4	1,315	6.0	2,934	13.5	521	2.4
1977.....	1,514	6.9	1,237	5.6	3,063	13.9	508	2.3
1978.....	1,796	8.1	1,335	6.0	2,764	12.5	419	1.9
1979.....	1,696	7.5	1,214	5.4	2,801	12.5	524	2.3
1980.....	1,646	7.2	1,319	5.8	2,922	12.8	505	2.2
1981.....	1,635	7.2	944	4.1	2,902	12.6	566	2.5
1982.....	1,355	5.8	806	3.5	3,256	14.0	633	2.7
1983.....	1,139	4.9	961	4.1	3,531	15.0	650	2.8
1984.....	1,064	4.5	862	3.6	3,185	13.4	679	2.9
1985.....	914	3.8	762	3.2	3,873	16.1	693	2.9
1986 ⁵	865	3.6	905	3.7	3,873	16.0	680	2.8

¹ Fresh citrus fruits and apples are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita consumption was obtained by dividing the total consumption by total population. ² Apples, apricots, avocados, bananas, cherries, cranberries, figs, grapes, temple lemons, limes, and grapefruit. ³ Apples, apricots, avocados, bananas, cherries, cranberries, figs, grapes, beginning 1983 included kiwifruit, nectarines, peaches, pears, pineapples, papayas, plums and prunes, strawberries, and miscellaneous fruits. ⁴ Apricots, berries, cherries (including brined), fruit cocktail and salads, peaches, pears, plums and prunes, and olives (including brined). ⁵ Preliminary. ⁶ Orange, grapefruit, blended citrus, lemon and lime, fruit nectars, grapes, and prunes. ⁷ Orange and grapefruit. ⁸ Cherries, apples, peaches, apricots, strawberries, other berries, grapes and pulp, miscellaneous fruits and citrus juice. ⁹ Dates, figs, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Dried data are in terms of processed dried weight.

Economic Research Service.

FOOTNOTES FOR TABLE 332

¹ Includes the commercial pack only and does not include quantities produced in frozen food locker plants. ² Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island and Vermont. ³ Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. ⁴ Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. ⁵ Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. ⁶ 1986 data includes purees of apples, apricot, banana, blackberry, blueberry, cherry, boysenberry, grape, marionberry, nectarine, peach, pears, plum, black and red raspberry, strawberry and watermelon. ⁷ Calendar year estimate. (See table 280 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) ⁸ 1986 data includes cranberries, currants, elderberries, gooseberries, grapes, guava, kiwi, melon, mixed fruit, marionberries, oalisberries, oranges, passionfruit, and pears. ⁹ Includes pack in South. ¹⁰ Includes pack in Northeast. ¹¹ Includes pack in Midwest.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

TREE NUTS

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Table 337.—Tree nuts (shelled basis): Supply and utilization, United States, 1972-86 ¹

Crop year	United States production ²	Imports ³	Beginning stocks	Total supply	Exports ⁴	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1972	310,280	178,770	80,830	569,880	108,750	55,690	406,420	1.94
1973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.71
1974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.55
1975	425,360	166,100	153,780	745,240	196,680	137,010	411,550	1.91
1976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.89
1977	548,170	106,030	114,670	768,870	240,480	155,720	372,870	1.70
1978	396,210	125,100	155,720	676,830	179,150	124,290	373,390	1.69
1979	615,520	121,570	124,290	861,380	296,880	171,770	392,730	1.75
1980	568,250	99,630	171,770	829,650	266,560	166,490	396,620	1.75
1981	714,240	91,610	*166,470	972,320	284,630	270,120	417,570	1.82
1982	640,770	121,920	207,120	1,032,810	238,160	314,188	480,462	2.08
1983	513,740	141,200	311,390	966,330	225,320	217,240	523,770	2.24
1984	845,520	135,560	217,240	1,198,320	329,770	333,640	534,910	2.17
1985	736,910	136,138	333,640	1,205,688	401,108	256,580	548,000	2.30
1986 ⁵	520,940	134,845	256,580	912,365	243,655	170,801	497,909	2.05

¹ Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, miscellaneous tree nuts, and macadamias.

² Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

³ Foreign trade data on a crop-year basis, beginning July 1 or Aug. 1 of year indicated.

⁴ Change in stocks is for almonds.

⁵ Preliminary.

Economic Research Service.

Table 338.—Tree nuts: Commercial production in specified countries, 1984-86

Commodity and country	1984	1985 ¹	1986 ¹	Commodity and country	1984	1985 ¹	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—Con.			
Greece	14	13	14	Turkey	300	210	300
Italy	13	15	17	United States	12	22	14
Morocco	6	6	6	Total	380	382	423
Portugal	4	8	8				
Spain	40	65	52	Walnuts (in the shell):			
Turkey	11	8	12	France	14	23	23
United States	268	211	113	India	21	22	24
Total	356	321	217	Italy	12	14	12
				Turkey	72	70	68
Filberts (in the shell):				United States	193	199	163
Italy	55	120	90	Total	312	328	290
Spain	13	30	19				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

FOOTNOTES FOR TABLE 335

¹ Canners' stocks for citrus products are Florida only 24/2 cases.

² Actual cases.

³ 24/2½ cases.

⁴ Clingstone peaches only.

Economic Research Service. Compiled from various canners' associations.

Table 339.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1972-86

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1972.....	151.0	65.0	98,125	1980.....	322.0	147.0	473,340
1973.....	155.0	128.8	199,660	1981.....	408.0	78.0	299,520
1974.....	230.0	74.0	170,100	1982 ¹	347.0	94.0	311,140
1975.....	186.0	63.7	118,400	1983 ¹	242.0	104.0	231,920
1976.....	284.0	64.8	184,032	1984.....	580.0	77.4	446,134
1977.....	313.0	84.5	264,485	1985.....	465.0	80.0	360,640
1978.....	181.0	145.0	262,450	1986 ²	250.0	192.0	461,568
1979.....	376.0	153.0	575,280				

¹ Price and value are based on edible portion of the crop only. Included in production are inedible quantities of no value as follows (million pounds): 1982—16.0; 1983—19.0; 1984—13.6; 1985—14.3; 1986—9.80. ² Preliminary.

National Agricultural Statistics Service.

Table 340.—Almonds (shelled basis ¹): Foreign trade, United States, 1972-85

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>
1972.....	91	25	1977.....	88	62	1982.....	344	58
1973.....	41	35	1978.....	200	43	1983.....	64	63
1974.....	58	47	1979.....	63	87	1984.....	110	128
1975.....	220	50	1980.....	23	75	1985.....	182	120
1976.....	604	61	1981.....	55	75			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1.2.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 341.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1972-86

Year	Oregon			Washington			Oregon and Washington		
	Production ¹	Price	Value	Production ¹	Price	Value	Production ¹	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973.....	11,700	570	6,660	550	635	349	12,250	573	7,018
1974.....	6,400	560	3,584	300	565	170	6,700	560	3,754
1975.....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976.....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977.....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978.....	13,700	805	11,029	350	835	292	14,050	806	11,321
1979.....	12,700	951	12,078	300	970	291	13,000	951	12,369
1980.....	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981.....	14,400	786	11,319	300	770	231	14,700	786	11,550
1982.....	18,400	680	12,512	400	677	271	18,800	680	12,783
1983.....	8,000	554	4,432	200	720	144	8,200	558	4,576
1984.....	13,200	617	8,144	200	875	175	13,400	621	8,319
1985.....	24,300	677	16,451	300	957	287	24,600	680	16,738
1986 ²	14,900	724	10,788	200	895	179	15,100	726	10,987

¹ Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974. ² Preliminary.

National Agricultural Statistics Service.

Table 342.—Filberts (shelled basis ¹): Foreign trade, United States, 1972-85

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1972.....	3,744	325	1977.....	3,443	993	1982.....	2,769	1,551
1973.....	5,932	349	1978.....	4,027	1,496	1983.....	4,008	1,245
1974.....	1,530	303	1979.....	2,118	3,025	1984.....	3,497	1,276
1975.....	3,854	419	1980.....	1,728	2,187	1985.....	1,789	3,767
1976.....	5,530	604	1981.....	2,494	1,530			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 343.—Macadamia nuts (in the shell): Area, yield, production, price, and value, Hawaii, 1972-86

Year	Area harvested	Yield per harvested acre ¹	Production	Price per pound	Value	Year	Area harvested	Yield per harvested acre ¹	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1972.....	5,000	2.6	13,110	23.3	3,055	1980.....	10,000	3.3	33,390	72.4	24,174
1973.....	5,080	2.4	12,124	25.5	3,092	1981.....	10,000	3.3	33,390	79.3	26,454
1974.....	5,760	2.8	16,370	32.0	5,238	1982.....	10,200	3.6	36,720	73.9	27,136
1975.....	6,080	3.0	18,210	31.6	5,754	1983.....	10,600	3.4	36,420	65.7	23,928
1976.....	6,300	3.0	18,900	36.9	7,007	1984.....	12,000	3.1	37,700	69.2	26,068
1977.....	6,300	3.1	19,680	40.8	8,029	1985.....	13,500	3.1	42,000	72.5	30,450
1978.....	9,200	2.3	20,980	53.8	11,287	1986 ²	14,400	3.1	44,000	80.9	35,200
1979.....	9,600	2.8	26,660	62.9	16,769						

¹ Derived from total production.

² Preliminary.

National Agricultural Statistics Service.

Table 344.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1972-86

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1972.....	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973.....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974.....	86,809	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975.....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	96,200
1976.....	77,300	67.5	67,608	25,800	63.5	16,380	103,100	81.5	83,983
1977.....	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978.....	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979.....	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980.....	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981.....	174,550	64.7	112,987	164,550	43.7	71,855	339,100	54.5	184,842
1982.....	169,000	72.6	122,776	49,600	49.8	24,715	218,600	67.5	147,491
1983.....	167,250	67.7	113,199	102,750	44.0	45,190	270,000	58.7	158,389
1984.....	169,230	68.2	115,406	63,170	46.6	29,424	232,400	62.3	144,830
1985.....	152,500	79.1	120,582	91,900	49.7	45,706	244,400	68.0	166,288
1986 ¹	182,650	79.3	144,765	90,050	57.3	51,614	272,700	72.0	196,379

¹ Preliminary.

National Agricultural Statistics Service.

Table 345.—Pecans (in the shell): Production and season average price per pound, by States, 1984-86

Item and State	Production			Price for crop of—		
	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
IMPROVED VARIETIES						
AL.....	9,000	9,600	9,600	68.0	57.0	88.0
AR.....	1,100	1,500	900	81.0	80.0	86.0
FL.....	2,200	1,600	3,100	65.5	70.0	67.2
GA.....	100,000	74,500	100,000	58.0	70.5	71.5
LA.....	1,500	2,000	4,000	75.0	60.0	70.0
MI.....	4,000	3,500	4,500	72.0	72.6	91.5
NM.....	24,000	29,000	27,000	83.0	95.0	91.0
NC.....	1,800	400	1,800	70.0	75.0	70.0
OK.....	2,000	1,500	1,500	91.0	85.0	94.5
SC.....	3,600	900	3,250	63.0	80.0	64.5
TX.....	20,000	29,000	27,000	98.8	94.6	95.0
US.....	169,230	152,500	182,650	68.2	79.1	79.3
NATIVE AND SEEDLING						
AL.....	4,000	6,400	6,400	48.0	44.0	67.0
AR.....	400	700	300	49.0	60.0	61.0
FL.....	2,800	1,200	2,400	45.0	56.0	49.5
CA.....	20,000	9,000	20,000	42.0	51.0	51.5
LA.....	3,500	13,000	26,000	45.0	43.0	58.0
MI.....	1,500	3,000	3,000	45.0	52.1	61.7
NC.....	1,070	600	2,200	50.0	50.0	50.0
OK.....	23,000	8,500	13,500	50.0	53.0	59.0
TX.....	1,900	500	3,250	47.0	52.0	45.5
US.....	63,170	91,900	90,050	46.6	49.7	57.3
ALL PECANS						
AL.....	13,000	16,000	16,000	61.8	51.8	79.6
AR.....	1,500	1,700	1,200	72.5	71.8	81.3
FL.....	5,000	2,800	5,500	54.0	64.0	59.5
GA.....	120,000	83,000	120,000	55.3	68.4	68.2
LA.....	5,000	15,000	30,000	54.0	45.3	59.6
MI.....	5,500	6,500	7,500	64.6	63.1	79.6
NM.....	24,000	29,000	27,000	83.0	95.0	91.0
NC.....	2,900	1,000	4,000	62.6	60.0	59.0
OK.....	25,000	10,000	15,000	63.3	57.9	61.0
SC.....	5,500	1,400	6,500	67.5	70.0	55.0
TX.....	25,000	78,000	40,000	88.5	67.2	85.3
US.....	232,400	244,400	272,000	62.3	68.0	72.0

¹ Preliminary.

National Agricultural Statistics Service.

Table 346.—Pecans (shelled basis ¹): Foreign trade, United States, 1972-85

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1972.....	15	1,039	1977.....	218	1,637	1982.....	347	2,664
1973.....	60	1,171	1978.....	564	1,540	1983.....	2,062	1,548
1974.....	2	1,586	1979.....	272	1,539	1984.....	1,335	931
1975.....	1,192	1,650	1980.....	436	2,021	1985.....	4,696	971
1976.....	1,417	1,065	1981.....	200	1,896			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 347.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1972-86

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production ¹	Price	Value	Production ¹	Price	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1972.....	116,000	564	65,424	800	538	430	116,800	564	65,854
1973.....	174,000	605	105,270	1,000	550	550	175,000	605	105,825
1974.....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975.....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976.....	183,000	627	114,741	700	605	424	183,700	627	115,165
1977.....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978.....	160,000	1,302	208,320	(*)	(*)	(*)			
1979.....	208,000	847	176,176						
1980.....	197,000	936	184,392						
1981.....	225,000	1,014	228,150						
1982.....	224,000	1,020	228,480						
1983.....	199,000	631	125,569						
1984.....	213,000	730	155,490						
1985 ^a	219,000	798	174,762						
1986 ^a	180,000	1,080	194,400						

¹ Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.^a Preliminary.^b Estimates discontinued after 1977 crop.

National Agricultural Statistics Service.

Table 348.—Walnuts (shelled basis¹): Foreign trade, United States, 1972-85

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1972.....	586	6,236	1977.....	66	7,976	1982.....	108	16,066
1973.....	72	10,649	1978.....	533	11,832	1983.....	32	16,453
1974.....	15	12,695	1979.....	97	17,102	1984.....	157	25,438
1975.....	54	19,538	1980.....	4	20,068	1985.....	43	21,689
1976.....	24	17,371	1981.....	36	21,678			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1. Beginning 1978, imports of shelled nuts converted to shelled basis at ratio of 2.38 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 349.—Cacao beans: United States imports by country of origin, 1984-86

Continent and country	1984	1985	1986	Continent and country	1984	1985	1986
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa:			
Costa Rica.....	109	860	482	Cameroon.....	0	433	591
Dominican Republic.....	33,619	31,402	34,406	Nigeria.....	3,765	10,397	2,100
Guatemala.....	973	424	1,270	Ivory Coast.....	74,361	112,055	68,306
Haiti.....	319	253	224	Ghana.....	6,295	14,405	30,244
Mexico.....	1,050	750	496	Other countries.....	1,101	212	548
Trinidad and Tobago.....	710	235	399	Total.....	85,522	137,502	101,699
Other countries.....	1,096	996	1,903				
Total.....	37,876	34,900	39,184	Asia and Oceania:			
				Malaysia.....	6,907	2,261	2,046
South America:				Papua New Guinea.....	3,447	5,325	6,359
Brazil.....	25,613	31,222	35,489	Other countries.....	3,645	1,595	2,020
Ecuador.....	25,601	50,359	14,693	Total.....	13,999	9,181	10,425
Venezuela.....	2,064	1,600	1,034	Europe.....	1,454	4,581	2,197
Other countries.....	1,816	988	30	Grand total.....	193,945	270,383	204,751
Total.....	55,094	84,169	51,246				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 350.—Cacao beans: Exports from principal producing countries, 1983-85

Continent and country	1983	1984	1985 ¹	Continent and country	1983	1984	1985 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa—Con.			
Costa Rica.....	786	843	1,300	Ghana.....	153,397	148,575	172,397
Dominican Republic.....	34,199	32,280	31,171	Ivory Coast.....	286,382	449,070	419,342
Grenada.....	2,234	2,065	2,179	Liberia.....	5,706	6,149	4,977
Haiti.....	3,917	2,404	3,400	Madagascar.....	2,315	2,495	2,500
Jamaica.....	1,964	1,910	1,926	Nigeria.....	206,024	130,808	92,591
Mexico.....	11,532	3,603	1,586	Sao Tome and Principe.....	4,414	3,800	3,600
Trinidad and Tobago.....	1,699	1,500	1,330	Sierra Leone.....	12,278	9,785	10,500
Other countries.....	2,500	2,500	3,500	Tanzania.....	1,332	1,200	1,460
Total.....	58,781	47,105	46,292	Togo.....	9,199	21,300	9,740
				Uganda.....	110	390	260
South America:				Zaire.....	4,450	4,274	4,000
Brazil.....	152,773	107,289	171,609	Total.....	781,738	886,761	836,721
Ecuador.....	5,555	46,910	68,899				
Peru.....	704	347	480	Asia and Oceania:			
Venezuela.....	8,634	5,892	5,919	Indonesia.....	15,885	24,299	31,407
Total.....	167,666	160,438	246,907	Malaysia.....	57,196	65,804	81,465
Africa:				Papua New Guinea.....	26,342	34,450	31,384
Benin.....	2,900	8,030	16,078	Solomon Islands.....	1,235	1,410	1,753
Cameroon.....	80,052	89,930	88,486	Sri Lanka.....	732	489	800
Comoro Islands.....	10	10	10	Vanuatu.....	1,231	791	817
Congo.....	1,600	2,192	2,000	Western Samoa.....	1,567	720	661
Equatorial Guinea.....	9,000	7,000	7,000	Total.....	104,190	127,963	148,287
Gabon.....	2,569	1,543	1,540	Grand total.....	1,112,375	1,222,267	1,278,307

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 351.—Coffee: Area, yield, production, price, and value, Hawaii, 1972-73 to 1986-87

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972-73	2,400	1.5	3,640	0.504	1,835	1980-81	1,700	.9	1,440	1.60	2,304
1973-74	2,500	1.2	3,040	.565	1,711	1981-82	1,700	1.3	2,210	2.00	4,420
1974-75	2,500	.6	1,540	.464	714	1982-83	1,900	.5	990	2.15	2,129
1975-76	2,000	.9	1,860	.752	1,399	1983-84	1,800	1.6	2,900	2.25	6,500
1976-77	2,000	1.1	2,120	1.85	3,922	1984-85	1,700	1.0	1,750	2.75	4,813
1977-78	2,000	1.1	2,270	1.38	3,133	1985-86	1,650	1.1	1,850	2.80	5,180
1978-79	1,900	.9	1,660	1.36	2,117	1986-87 ¹	2,000	1.5	2,900	3.00	8,700
1979-80	1,800	1.2	2,190	1.43	3,132						

¹ Preliminary.

National Agricultural Statistics Service.

Table 352.—Coffee: United States imports by country of origin, 1984-86¹

Continent and country	1984	1985	1986 ²	Continent and country	1984	1985	1986 ²
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Con.			
Costa Rica	258	360	414	Ethiopia	423	195	246
Dominican Republic	447	439	488	Ivory Coast	1,144	951	698
El Salvador	1,052	1,266	1,108	Kenya	171	269	436
Guatemala	1,118	1,054	1,666	Madagascar	84	65	59
Honduras	285	262	405	Rwanda	68	11	34
Mexico	1,553	1,812	2,283	Sierra Leone	140		
Nicaragua	32	9	0	Togo	200		
Other countries	173	148	208	Uganda	570	739	739
Total	4,918	5,450	6,572	Zaire	12	27	75
				Other countries	79	45	86
South America:				Total	2,961	2,392	2,517
Brazil	3,866	4,148	2,281	Asia and Oceania:			
Colombia	2,170	2,554	2,675	India	153	250	378
Ecuador	961	974	1,375	Indonesia	1,030	1,041	1,358
Peru	557	543	679	Papua, New Guinea	65	48	93
Venezuela	88	107	224	Philippines	296	407	440
Other countries	133	90	101	Thailand	84	112	282
Total	7,775	8,416	7,335	Other countries	36	116	301
Africa:				Total	1,654	1,974	2,752
Burundi	9	7	53	Other countries	406	466	667
Cameroon	81	92	89	Grand total	17,734	18,698	19,843

¹ Green coffee only; does not include roasted or soluble.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 357

¹ Includes straw mushrooms.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 353.—Coffee: Exports from principal producing countries, 1983-85 ¹

Continent and country of origin	1983	1984	1985 ²	Continent and country of origin	1983	1984	1985 ²
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Con.			
Costa Rica.....	1,784	1,842	2,040	Central African Republic.....	286	209	316
Dominican Republic.....	503	574	517	Ethiopia.....	1,550	1,454	1,133
El Salvador.....	2,796	2,722	2,632	Guinea.....	79	5	5
Guatemala.....	1,988	2,183	3,098	Cote d'Ivoire.....	3,992	3,505	4,662
Haiti.....	392	401	308	Kenya.....	1,402	1,580	1,698
Honduras.....	1,238	1,130	1,192	Madagascar.....	891	922	749
Mexico.....	3,049	2,832	3,290	Tanzania.....	814	944	710
Nicaragua.....	1,102	709	697	Togo.....	248	308	268
				Uganda.....	2,405	2,221	2,538
Total.....	12,852	12,393	13,774	Zaire.....	1,082	1,314	1,088
				Total.....	14,761	14,342	15,094
South America:				Asia and Oceania:			
Brazil.....	17,846	19,505	19,158	India.....	1,174	1,079	1,592
Colombia.....	9,210	10,199	9,994	Indonesia.....	4,060	4,599	4,869
Ecuador.....	1,442	1,403	1,588	Papua New Guinea.....	878	824	677
Peru.....	970	906	1,010				
Venezuela.....	44	96	146	Total.....	6,112	6,802	7,136
Total.....	29,512	32,109	31,896	Grand total.....	63,237	65,546	67,902
Africa:							
Angola.....	444	379	311				
Cameroon.....	1,568	1,406	1,616				

¹ Mostly green coffee, some countries include soluble or roasted. ² Preliminary.

Foreign Agricultural Service, International Coffee Organization.

Table 354.—Tea: United States imports by country of origin, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Con.			
Canada.....	2,121	1,832	1,589	Hong Kong.....	474	867	1,718
Total.....	2,121	1,832	1,589	India.....	3,758	2,943	3,873
				Indonesia.....	15,501	12,844	16,239
Central and South America:				Japan.....	2,130	2,094	1,154
Argentina.....	18,142	15,234	16,234	Papua New Guinea.....	76	62	14
Brazil.....	3,611	4,281	5,553	Sri Lanka.....	9,383	9,796	7,718
Ecuador.....	425	193	453	Other countries.....	1,149	309	439
Other countries.....	11	272	690				
Total.....	22,189	19,980	22,930	Total.....	48,399	41,814	49,173
				Africa:			
Europe:				Kenya.....	3,932	4,152	4,259
Germany, Fed. Rep. of.....	1,161	3,046	2,535	Malawi.....	915	935	1,205
Netherlands.....	4,792	4,213	4,053	Mozambique.....	2,242	698	278
United Kingdom.....	568	515	914	Rwanda.....	712	993	1,182
Other countries.....	49	160	191	South Africa.....	295	178	305
Total.....	6,570	7,334	7,693	Tanzania.....	354	267	536
				Other countries.....	527	428	647
Asia and Oceania:				Total.....	8,977	7,646	8,412
China.....	9,622	10,877	16,558	Grand total.....	88,256	79,206	89,797
Taiwan.....	6,306	2,022	1,460				

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 355.—Tea: Exports from principal producing countries, 1983-85

Continent and country	1983	1984	1985 ¹	Continent and country	1983	1984	1985 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina.....	44,733	42,102	32,000	Bangladesh.....	29,969	23,100	30,306
Brazil.....	8,135	9,301	8,809	China.....	125,062	140,209	140,651
Ecuador.....	526	604	339	Taiwan.....	11,572	11,862	9,127
Total.....	53,394	52,007	41,148	India.....	208,476	217,040	222,350
Africa:				Indonesia.....	68,603	85,664	90,121
Burundi.....	2,179	3,376	4,146	Iran ²	1,609	1,500	1,000
Kenya.....	100,645	91,196	126,086	Japan.....	2,124	2,787	1,805
Malawi.....	35,833	37,141	37,357	Malaysia.....	287	300	500
Mauritius.....	4,935	6,799	7,063	Papua New Guinea.....	7,234	7,530	7,025
Mozambique.....	13,440	7,550	3,190	Sri Lanka.....	187,786	204,226	197,589
Rwanda.....	7,354	8,431	7,716	Turkey.....	567	582	1,859
Tanzania.....	16,601	10,641	15,000	Vietnam.....	10,000	10,000	10,000
Uganda.....	1,333	2,604	1,254	Total.....	623,289	704,800	712,324
Zaire.....	2,048	3,261	3,000	Grand total.....	869,318	937,645	970,284
Zimbabwe.....	8,267	9,835	12,000				
Total.....	192,635	180,836	216,812				

¹ Preliminary. ² Year ending March 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 356.—Mushrooms: Area, production, price, and value, United States, 1972/73-1985/86

Year ¹	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1972-73.....	102,315	254,002	43.3	109,975	42,596	67,379
1973-74.....	107,584	279,493	44.1	123,354	58,407	64,947
1974-75.....	110,921	299,081	49.2	147,242	76,552	70,690
1975-76.....	114,711	309,816	61.7	191,098	102,234	88,864
1976-77.....	117,692	347,129	73.7	255,678	124,613	131,065
1977-78.....	135,101	398,703	77.1	307,588	172,150	135,439
1978-79.....	146,738	454,007	79.7	361,800	217,770	144,030
1979-80.....	150,758	470,089	78.4	368,597	245,201	123,396
1980-81.....	140,346	469,576	79.8	374,499	280,439	114,060
1981-82.....	141,326	517,146	81.0	418,706	308,805	109,901
1982-83.....	135,395	490,826	87.9	431,421	328,048	93,373
1983-84.....	142,810	561,581	86.6	486,386	374,327	112,061
1984-85.....	139,133	595,681	82.9	493,648	392,762	100,886
1985-86.....	129,565	587,956	83.9	493,093	404,914	88,179

¹ Marketing year begins July 1 and ends June 30 the following year.

National Agricultural Statistics Service.

Table 357.—Mushrooms, canned: United States imports by country of origin, 1977-86

Country	1977	1978	1979	1980	1981 ¹	1982 ¹	1983 ¹	1984 ¹	1985 ¹	1986 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	221	30	29	38	8	35	42	5	11	64
China.....	19	8	119	6,723	12,449	16,617	16,639	20,530	20,854	21,284
Taiwan.....	22,203	22,331	20,528	24,371	11,030	17,345	19,289	28,072	22,162	23,200
Costa Rica.....	128	583	330							
Dominican Rep.....	65	225	258	317	22	28				
France.....	165	134	89	93	70	50	257	796	200	108
Hong Kong.....	1,586	4,369	6,593	8,879	10,651	7,379	7,745	10,128	14,073	18,665
Netherlands.....		10			1	1	335	2,302	1,281	414
Japan.....	485	496	240	306	167	114	179	355	283	174
Korea, Rep. of.....	8,512	11,643	12,946	8,860	4,276	2,350	3,024	5,283	4,563	3,473
Macao.....			335	902	1,040	1,511	1,500	854	546	913
Indonesia.....							1		401	860
Spain.....		86	237	46	78	16	1,047	6,967	4,796	1,968
Other.....	124	164	195	94	61	164	158	957	571	1,166
Total.....	33,568	40,051	41,299	50,472	39,863	46,610	50,816	76,251	60,749	72,172

See footnotes on page 237.

Table 358.—Cut flowers; Sales and value, United States, 1977-86

Year	Quantity sold	Wholesale price	Value of sales at wholesale ¹	Quantity sold	Wholesale price	Value of sales at wholesale ¹
	Standard carnations			Miniature carnations		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Bunches</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	501,799	8.4	42,328	4,703	1.28	6,007
1978.....	466,363	9.1	42,594	4,844	1.39	6,729
1979.....	408,840	11.0	44,784	5,638	1.44	8,125
1980.....	379,375	11.0	41,880	5,891	1.54	9,044
1981.....	345,747	11.8	40,936	5,989	1.60	9,605
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	292,593	13.0	37,934	10,183	1.46	14,796
1985.....	289,985	15.9	46,156	11,458	1.68	18,883
1986 ³	260,563	15.1	39,392	11,478	1.44	16,489
	Standard chrysanthemums			Pompon chrysanthemums ⁴		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Bunches</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	111,738	25.6	28,626	35,936	.99	35,479
1978.....	124,424	25.7	31,920	37,892	1.03	38,910
1979.....	107,578	24.8	26,714	34,992	1.06	36,957
1980.....	93,753	27.6	25,848	34,900	1.08	37,737
1981.....	86,562	26.2	22,698	36,735	1.09	40,021
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	67,113	33.3	22,335	33,323	1.17	38,846
1985.....	60,162	42.1	25,345	36,845	1.22	44,805
1986 ³	66,667	29.2	19,454	32,483	1.09	35,524
	Hybrid Tea roses			Sweetheart roses ⁴		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	301,107	20.6	62,177	118,023	14.1	16,604
1978.....	306,806	22.5	69,069	112,449	16.0	18,005
1979.....	327,824	22.9	75,332	116,796	17.1	20,019
1980.....	313,631	27.1	85,086	112,036	19.9	22,322
1981.....	312,955	28.8	90,036	108,684	19.9	21,603
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	354,131	30.2	106,761	108,308	22.4	24,231
1985.....	370,497	34.0	125,925	106,529	24.6	26,213
1986 ³	354,217	35.2	124,747	107,128	24.3	26,015
	Gladioli			Other cut flowers ⁵		
	<i>1,000 Spikes</i>	<i>Cents</i>	<i>1,000 dollars</i>			<i>1,000 dollars</i>
1977.....	165,593	10.0	16,535			
1978.....	148,926	10.9	16,248			
1979.....	149,704	13.2	19,824			
1980.....	146,602	13.2	19,397			
1981.....	136,004	14.6	19,904			
1982.....	(²)	(²)	(²)			
1983.....	(²)	(²)	(²)			
1984.....	124,812	17.4	21,715			
1985.....	158,996	16.1	25,555			58,848
1986 ³	170,020	15.5	26,371			71,154

¹ Equivalent wholesale value of all sales. ² 1982-1983 data not available because of program reduction. ³ 1985 and 1986 data not comparable with 1984. ⁴ Data for 1977-84 includes a small amount of standard chrysanthemums to avoid disclosure of individual operations. ⁵ Begun in 1985.

National Agricultural Statistics Service

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 366 shows the seeding rate for a number of specified crops. The state averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for States where the crop is not estimated currently.

Table 359.—Hay, all: Area, yield, production, disposition, and value, United States, 1972-86

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972.....	59,690	2.15	128,565	102,792	25,773	31.30	3,729,532
1973.....	61,529	2.17	134,217	107,002	27,215	41.60	5,905,991
1974.....	60,196	2.10	126,394	100,597	25,497	50.90	5,790,715
1975.....	61,353	2.16	132,397	105,874	26,523	52.10	6,458,070
1976.....	60,377	1.99	120,125	94,675	25,450	60.20	6,814,924
1977.....	60,988	2.17	132,211	105,133	27,078	53.70	6,826,411
1978.....	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979.....	61,279	2.40	147,307	118,846	29,001	59.40	7,345,466
1980.....	58,870	2.22	130,740	(*)	(*)	71.00	8,084,666
1981.....	59,599	2.39	142,520	(*)	(*)	67.30	9,181,306
1982.....	59,812	2.50	149,241	(*)	(*)	69.30	9,529,516
1983.....	59,717	2.36	140,764	(*)	(*)	75.80	9,947,206
1984.....	61,445	2.45	150,646	(*)	(*)	72.70	10,303,921
1985.....	60,423	2.46	148,601	(*)	(*)	67.60	9,437,282
1986 ¹	62,374	2.49	155,271	(*)	(*)	60.10	8,643,727

¹ Preliminary. * Series discontinued.

National Agricultural Statistics Service.

Table 360.—Hay, all: Stocks on farms, United States, 1972-87

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1972.....	89,445	25,472	1980.....	107,707	33,192
1973.....	88,790	24,311	1981.....	91,689	25,274
1974.....	93,159	25,353	1982.....	99,160	24,981
1975.....	84,687	18,505	1983.....	103,996	28,118
1976.....	86,411	25,541	1984.....	89,280	30,148
1977.....	77,651	19,540	1985.....	100,569	26,858
1978.....	92,136	24,184	1986.....	96,555	26,699
1979.....	99,024	30,106	1987 ¹	* 121,530	32,359

¹ Preliminary. * Per program modification, hay stocks survey reference data was changed from Jan. 1 to Dec. 1 beginning Dec. 1, 1986.

National Agricultural Statistics Service.

Table 361.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ.....	140	145	155	7.20	7.19	7.60	1,008	1,030	1,178
AR.....	35	42	35	2.50	2.60	3.00	88	109	105
CA.....	1,020	1,030	1,080	6.50	6.50	6.60	6,630	6,695	7,123
CO.....	770	830	770	3.10	3.30	3.40	2,387	2,706	2,618
CT.....	23	24	20	2.70	2.60	2.85	62	62	57
DE.....	7	7	7	3.70	3.90	3.00	26	27	21
ID.....	1,050	1,020	1,100	3.75	3.50	3.80	3,938	3,570	4,180
IL.....	800	800	630	3.80	4.10	4.10	3,040	3,280	2,583
IN.....	420	410	400	3.70	3.90	3.50	1,554	1,599	1,400
IA.....	1,650	1,550	1,600	4.00	3.75	3.80	6,600	5,813	6,080
KS.....	960	950	900	3.40	3.90	3.90	3,264	3,705	3,510
KY.....	230	250	255	3.20	3.60	3.20	736	900	816
LA.....	12	15	12	2.40	2.60	2.70	29	39	32
ME.....	27	28	23	2.60	2.60	2.35	70	68	54
MD.....	80	75	80	3.70	4.00	3.10	296	300	248
MA.....	30	30	29	2.80	2.90	3.10	84	87	90
MI.....	1,400	1,400	1,400	3.30	3.60	3.60	4,620	5,040	5,040
MN.....	1,900	1,825	1,950	3.49	3.30	3.90	6,460	6,023	1,605
MO.....	450	450	450	2.75	3.00	3.00	1,238	1,350	1,350
MT.....	1,150	950	1,300	2.10	1.90	2.30	2,415	1,710	2,990
NE.....	1,500	1,400	1,350	3.30	3.40	3.45	5,250	4,760	4,658
NV.....	235	235	240	4.00	4.10	4.10	940	964	984
NH.....	19	20	21	2.80	2.90	2.80	53	58	59
NJ.....	45	43	43	3.70	3.90	3.40	167	168	146
NM.....	260	250	240	5.10	5.20	5.00	1,326	1,300	1,200
NY.....	940	930	880	2.90	2.80	2.85	2,726	2,604	2,508
NC.....	40	40	30	2.60	2.70	2.00	104	105	60
ND.....	1,550	1,500	1,550	1.75	1.40	2.10	2,713	2,100	3,255
OH.....	600	700	730	3.70	4.00	3.70	2,220	2,800	2,701
OK.....	240	400	430	3.40	3.90	3.50	1,155	1,560	1,505
OR.....	445	450	460	4.10	4.05	4.20	1,825	1,823	1,932
PA.....	840	840	840	3.20	3.30	3.20	2,688	2,772	2,688
RI.....	3	3	3	2.70	2.70	3.00	8	8	9
SD.....	2,480	1,900	2,500	2.30	1.70	2.50	5,704	3,230	6,250
TN.....	150	120	100	3.00	3.80	3.00	450	458	300
TX.....	190	190	160	4.50	4.70	4.00	855	893	640
UT.....	470	460	470	4.00	3.90	3.90	1,880	1,794	1,853
VT.....	115	120	115	2.50	2.50	2.50	288	300	288
VA.....	88	88	110	3.00	3.00	2.40	264	264	264
WA.....	475	450	470	4.30	3.90	4.20	2,043	1,755	1,974
WV.....	100	110	90	2.80	3.00	2.50	280	330	225
WI.....	3,150	3,100	3,150	3.60	3.20	3.00	11,340	9,920	9,450
WY.....	510	440	600	2.45	2.20	2.50	1,250	968	1,500
US.....	26,799	25,608	26,748	3.36	3.32	3.42	90,105	85,048	91,424

¹ Preliminary.

National Agricultural Statistics Service.

Table 362.—Hay, all other: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	680	700	700	2.00	2.20	1.60	1,360	1,540	1,120
AZ.....	25	22	22	4.00	3.60	3.80	100	79	84
AR.....	865	850	920	1.70	1.80	2.00	1,471	1,710	1,840
CA.....	510	540	600	2.40	2.40	2.50	1,224	1,296	1,500
CO.....	660	625	640	1.40	1.50	1.60	924	938	1,024
CT.....	68	66	66	2.20	1.85	2.30	150	122	152
DE.....	14	15	16	2.15	2.10	1.80	30	32	29
FL.....	240	240	260	2.90	2.60	2.60	696	624	676
GA.....	550	495	530	2.40	2.50	1.70	1,320	1,238	901
ID.....	350	300	300	2.30	1.70	1.80	805	510	540

See footnotes at end of table.

Table 362.—Hay, all other: Area, yield, and production, by States, 1984-86—Continued

State	Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
IL.....	429	360	470	2.00	2.20	2.30	840	792	1,081
IN.....	295	385	380	2.00	2.30	2.20	790	886	836
IA.....	500	600	800	2.50	2.30	2.40	1,250	1,320	1,920
KS.....	1,550	1,650	1,600	1.70	1.80	1.80	2,635	2,970	2,880
KY.....	1,450	1,900	1,540	1.80	2.00	1.80	2,610	3,200	2,772
LA.....	328	305	288	2.40	2.30	2.60	787	702	749
ME.....	194	196	202	1.75	1.80	1.95	340	353	394
MD.....	150	155	145	2.35	2.35	1.80	338	364	261
MA.....	96	91	98	2.25	2.10	2.40	216	191	235
MI.....	350	350	370	1.90	1.90	1.90	665	665	708
MN.....	900	900	900	2.20	2.20	2.30	1,980	1,980	2,070
MS.....	680	650	580	1.90	2.00	2.00	1,292	1,300	1,160
MO.....	2,000	2,250	2,980	1.70	1.75	1.60	3,100	3,163	4,768
MT.....	1,050	1,000	950	1.30	1.05	1.40	1,365	1,050	1,330
NE.....	2,100	1,900	2,000	1.15	1.05	1.30	2,415	1,995	2,600
NV.....	290	280	280	1.40	1.30	1.40	406	338	392
NH.....	69	68	66	2.15	2.15	2.10	148	146	139
NJ.....	75	75	72	2.00	2.20	2.10	150	165	151
NM.....	90	80	70	1.80	1.70	1.70	162	136	119
NY.....	1,320	1,250	1,330	2.00	2.05	2.10	2,640	2,565	2,772
NC.....	370	355	380	1.70	1.70	1.35	629	604	513
ND.....	1,350	1,450	1,550	1.30	1.15	1.40	1,755	1,668	2,170
OH.....	750	750	730	2.10	2.40	2.30	1,575	1,800	1,606
OK.....	1,600	1,700	1,550	1.50	1.90	1.80	2,400	3,230	2,790
OR.....	680	680	650	1.95	1.85	1.85	1,287	1,106	1,202
PA.....	1,140	1,150	1,160	2.10	2.20	2.10	2,394	2,530	2,436
RI.....	7	7	6	2.20	1.85	2.35	15	13	14
SC.....	280	205	205	2.30	2.40	1.60	529	492	328
SD.....	1,500	1,400	2,300	1.30	1.00	1.40	2,379	1,400	3,600
TN.....	1,350	1,500	1,280	1.65	1.80	1.40	2,228	2,700	1,792
TX.....	2,850	3,310	3,100	1.60	2.20	2.30	4,560	7,282	6,820
UT.....	140	145	155	2.00	2.00	1.95	280	290	302
VT.....	325	325	325	2.00	2.90	2.00	650	650	650
VA.....	970	920	1,000	1.60	1.50	1.20	1,552	1,380	1,200
WA.....	325	350	360	2.70	2.40	2.50	878	840	900
WV.....	580	500	480	1.50	1.80	1.20	845	900	576
WI.....	550	500	530	2.50	2.40	2.50	1,375	1,200	1,325
WY.....	700	590	700	1.35	1.25	1.35	945	738	945
US.....	34,646	34,815	35,526	1.75	1.83	1.80	60,543	63,553	63,847

¹ Preliminary.

National Agricultural Statistics Service.

Table 363.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1972-86

Year beginning May	Farm carry-over May 1	Production	Total supply	Disappearance	Roughage consumed by animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1972.....	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973.....	24.9	134.2	158.5	133.1	99.5	1.59	1.34	41.60
1974.....	25.4	128.4	151.8	132.3	103.8	1.46	1.28	50.90
1975.....	18.5	132.4	150.9	125.4	98.2	1.54	1.23	62.10
1976.....	25.5	130.1	145.6	126.1	94.8	1.54	1.33	60.20
1977.....	19.5	132.2	151.7	127.5	89.5	1.69	1.42	53.70
1978.....	24.2	143.8	168.0	137.9	86.0	1.95	1.60	49.80
1979.....	30.1	147.3	177.4	144.6	87.5	2.03	1.65	59.40
1980.....	33.2	130.7	163.9	138.5	89.9	1.82	1.54	71.00
1981.....	25.4	142.5	167.9	142.9	91.8	1.85	1.56	67.30
1982.....	25.0	149.2	174.2	146.1	90.2	1.98	1.63	69.30
1983.....	29.1	149.8	188.9	148.8	89.3	1.89	1.67	75.80
1984.....	20.1	150.6	170.7	143.8	85.7	1.99	1.68	72.70
1985.....	26.9	148.6	175.5	148.8	83.1	2.11	1.79	67.60
1986 ¹	26.7	155.3	182.0	149.6	80.7	1.92	1.85	60.10

¹ Preliminary.

Economic Research Service.

Table 364.—Hay, all: Season average price and value of production, by States, crop of 1984, 1985, and 1986

State	Season average price per ton, baled			Value of production		
	1984	1985	1986	1984	1985	1986
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	63.50	63.00	66.00	86,360	97,020	73,920
AZ	84.50	79.50	71.00	93,626	88,166	89,602
AR	59.00	54.00	48.50	91,981	98,226	90,443
CA	80.50	88.00	71.50	632,247	663,253	616,992
CO	72.00	87.50	59.00	238,392	209,530	214,878
CT	97.00	99.00	96.99	29,564	18,216	20,064
DE	94.00	84.00	106.00	5,284	4,956	5,300
FL	71.00	73.00	75.00	49,416	45,552	50,700
GA	62.00	60.00	71.00	81,840	74,280	63,971
ID	68.00	64.50	55.50	322,524	263,160	261,960
IL	65.50	60.00	47.50	254,140	244,320	174,040
IN	62.50	54.50	46.00	146,500	135,433	102,856
IA	61.50	46.50	41.00	482,775	331,686	328,000
KS	73.00	48.00	47.00	430,627	329,400	300,330
KY	78.50	68.50	65.00	262,561	280,850	233,220
LA	54.00	53.00	49.00	44,064	39,273	38,280
ME	79.00	74.00	69.00	32,390	31,154	30,912
MD	94.00	84.50	98.00	59,596	56,106	49,882
MA	95.00	94.00	91.00	28,500	26,132	29,575
MI	61.50	53.00	52.50	325,028	302,365	301,506
MN	53.00	67.00	58.50	447,320	536,201	517,613
MS	50.00	50.00	48.00	64,800	65,000	55,680
MO	69.00	60.50	55.00	437,322	394,037	331,540
MT	78.00	84.50	54.00	294,840	233,220	233,280
NE	49.00	42.00	35.50	377,055	283,710	257,650
NV	75.00	80.50	74.00	100,960	104,811	101,824
NH	97.00	95.00	94.00	19,497	19,380	18,612
NJ	99.00	90.50	101.00	31,383	30,137	29,997
NM	99.00	80.00	74.50	147,312	114,880	96,266
NY	81.50	75.50	74.50	437,323	397,810	393,360
NC	60.00	72.00	97.00	43,980	51,264	55,581
ND	43.00	51.50	37.50	192,124	194,062	203,438
OH	74.50	55.00	61.00	282,728	253,000	262,727
OK	76.50	56.00	57.00	272,034	268,240	244,815
OR	73.00	76.50	69.50	227,176	228,669	217,813
PA	85.00	67.50	77.50	431,970	357,885	397,110
RI	105.00	110.00	103.00	2,415	2,310	2,369
SC	76.00	71.00	73.00	40,204	34,932	23,944
SD	44.50	47.00	51.50	369,694	227,010	236,895
TN	52.00	52.00	61.00	139,256	164,112	127,612
TX	95.00	68.00	58.50	519,840	555,900	436,410
UT	70.50	67.00	62.50	152,280	139,628	133,438
VT	84.00	82.00	77.00	78,792	77,900	72,226
VA	79.00	82.50	92.50	143,464	135,630	135,420
WA	80.50	84.50	64.00	235,141	219,278	183,936
WV	70.00	60.00	55.00	78,960	73,500	44,065
WI	64.00	73.50	52.00	817,280	817,320	596,380
WY	64.00	74.50	55.00	140,480	127,097	134,476
US	72.70	67.60	60.10	10,208,921	9,437,282	8,543,727

National Agricultural Statistics Service.

Table 365.—Hay, all: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per harvested acre			Production		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	680	700	700	2.00	2.20	1.60	1,360	1,540	1,120
AZ.....	165	167	177	6.72	6.64	7.13	1,108	1,109	1,262
AR.....	900	992	965	1.73	1.83	2.04	1,569	1,819	1,945
CA.....	1,520	1,570	1,680	5.13	5.09	5.14	7,854	7,991	8,628
CO.....	1,430	1,445	1,410	2.32	2.52	2.58	3,311	3,644	3,642
CT.....	91	90	86	2.33	2.04	2.43	212	184	209
DE.....	21	22	23	2.67	2.68	2.17	56	59	50
FL.....	249	240	290	2.90	2.60	2.60	696	624	676
GA.....	550	495	530	2.40	2.50	1.70	1,320	1,238	901
ID.....	1,400	1,320	1,400	3.39	3.09	3.37	4,743	4,080	4,720
IL.....	1,220	1,160	1,100	3.18	3.51	3.33	3,880	4,072	3,664
IN.....	815	795	780	2.88	3.13	2.97	2,344	2,485	2,226
IA.....	2,150	2,150	2,400	3.65	3.32	3.33	7,850	7,133	8,000
KS.....	2,510	2,600	2,500	2.35	2.57	2.56	5,899	6,675	6,390
KY.....	1,680	1,850	1,795	1.99	2.22	2.00	3,346	4,100	3,588
LA.....	340	320	300	2.40	2.32	2.60	816	741	781
ME.....	221	222	225	1.85	1.90	1.99	410	421	448
MD.....	230	230	225	2.76	2.89	2.26	634	664	509
MA.....	126	121	127	2.38	2.30	2.56	300	278	325
MI.....	1,750	1,750	1,770	3.02	3.26	3.24	5,285	5,705	5,743
MN.....	2,800	2,725	2,850	3.01	2.94	3.39	8,440	8,003	9,675
MS.....	680	650	580	1.90	2.00	2.00	1,292	1,300	1,160
MO.....	3,450	3,400	3,400	1.84	1.92	1.77	6,335	6,513	6,028
MT.....	2,200	1,950	2,250	1.72	1.42	1.92	3,780	2,760	4,330
NE.....	3,700	3,300	3,350	2.08	2.05	2.17	7,695	6,755	7,258
NV.....	525	495	530	2.56	2.63	2.65	1,346	1,302	1,376
NH.....	88	88	87	2.28	2.32	2.28	201	204	198
NJ.....	120	118	115	2.64	2.82	2.58	317	333	297
NM.....	350	330	310	4.25	4.35	4.25	1,488	1,436	1,319
NY.....	2,260	2,230	2,300	2.37	2.36	2.40	5,366	5,269	5,280
NC.....	410	395	410	1.79	1.80	1.49	733	712	573
ND.....	2,900	2,950	3,100	1.54	1.58	1.75	4,468	3,768	5,425
OH.....	1,350	1,450	1,460	2.81	3.17	2.95	3,795	4,600	4,307
OK.....	1,940	2,100	1,980	1.83	2.28	2.17	3,556	4,790	4,295
OR.....	1,105	1,080	1,110	2.82	2.77	2.82	3,112	2,989	3,134
PA.....	1,980	1,990	2,000	2.57	2.66	2.56	5,082	5,302	5,124
RI.....	10	10	9	2.30	2.10	2.56	23	21	23
SC.....	230	205	205	2.30	2.40	1.60	529	492	328
SD.....	4,310	3,500	4,700	1.88	1.38	1.99	8,083	4,850	9,380
TN.....	1,500	1,620	1,380	1.79	1.95	1.52	2,678	3,156	2,082
TX.....	3,040	3,500	3,260	1.78	2.34	2.29	5,415	8,175	7,460
UT.....	610	605	625	3.54	3.44	3.42	2,160	2,084	2,135
VT.....	440	445	449	2.13	2.13	2.13	938	950	908
VA.....	1,053	1,008	1,110	1.72	1.63	1.32	1,816	1,644	1,464
WA.....	800	800	830	3.65	3.24	3.46	2,921	2,595	2,874
WV.....	630	610	570	1.79	2.02	1.41	1,128	1,230	801
WI.....	3,700	3,600	3,680	3.45	3.09	2.93	12,770	11,120	10,775
WY.....	1,210	1,030	1,300	1.81	1.66	1.88	2,195	1,706	2,445
US.....	61,445	60,423	62,274	2.45	2.46	2.49	150,648	148,601	155,271

¹ Preliminary.

National Agricultural Statistics Service.

Table 366.—Seeding rates: Quantity of seed

State	Corn ¹	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye
	Kernels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
AL.....	19,100	1.8			2.9		
AZ.....	29,000	2.2	2.2			2.8	
AR.....	27,300	1.8			2.9		
CA.....	30,000	1.9	2.0		3.0	2.0	
CO.....	29,000	.65		1.4	2.0	1.5	0.85
CT.....	26,000						
DE.....	21,200	1.9				2.2	1.9
FL.....	19,100	1.7					1.9
GA.....	21,900	1.7			3.1		
ID.....	29,500	1.2		1.6	2.6	1.9	
IL.....	24,100	1.7			2.5		1.6
IN.....	23,800	1.9			2.3		1.6
IA.....	23,900	1.6			2.9		1.6
KS.....	23,600	.96			2.1	1.3	.96
KY.....	22,000	1.7			2.1	2.0	1.6
LA.....	26,300	1.8					
ME.....	26,000				2.9		
MD.....	23,200	1.9			2.6	2.3	1.8
MA.....	26,000						
MI.....	23,200	2.0			2.6	2.1	1.8
MN.....	25,000	1.5	1.6	1.6	2.9	1.8	1.4
MS.....	19,800	1.8					
MO.....	20,900	1.7			2.3		1.6
MT.....	29,000	.96	1.1	1.0	1.8	1.2	
NE.....	22,800	1.1			2.5	1.5	1.2
NV.....		1.6		1.8		2.3	
NH.....	26,000						
NJ.....	23,500	2.0			2.6	2.4	1.8
NM.....	28,900	.70				1.8	
NY.....	25,200	2.3			2.8		2.1
NC.....	22,600	1.7			2.7	2.1	1.6
ND.....	20,800	1.1	1.5	1.3	2.0	1.6	1.2
OH.....	25,500	2.2			2.6		1.9
OK.....	23,500	1.1			2.3	1.3	1.3
OR.....	30,000	1.2		1.2	2.9	1.7	1.1
PA.....	22,700	2.2			2.8	2.3	2.0
RI.....	26,000						
SC.....	21,100	1.7			2.9	2.1	1.8
SD.....	17,800	1.0	1.4	1.3	2.6	1.7	1.3
TN.....	21,500	1.9					
TX.....	24,000	.90			2.5	1.0	.96
UT.....	30,000	1.2		1.6	3.0	2.2	
VT.....	26,000						
VA.....	23,000	1.3			2.4	2.2	1.8
WA.....	31,000	1.1		1.3	2.7	1.6	
WV.....	23,400	2.0			2.5		
WI.....	23,600	1.7		1.7	2.9	2.0	1.6
WY.....	29,700	.90		1.2	2.2	2.0	
US.....	23,500	1.14	1.50	1.31	2.63	1.62	1.58

¹ Approximately 1,650 kernels per pound.² Shelled basis (multiply by 1.33 to obtain unshelled basis).³ Fuzzy, non-delinted equivalent basis.

National Agricultural Statistics Service. United States average is rate of seeding weighted by final 1986 area planted, by States except for winter wheat and rye which are weighted by preliminary 1987 area planted in 1986.

used per acre for specified crops, by States

Flaxseed	Sorghum	Soybeans	Dry Beans	Sun-flowers	Rice	Potatoes (Irish)	Sweet-potatoes	Peanuts *	Cotton *
Pounds	Pounds	Bushels	Pounds	Seeds	Pounds	Cwt.	Cwt.	Pounds	Pounds
	18.0	0.80				15.1	4.0	98	22
	12.5					15.0			18
	8.3	.80			121.8				19
	17.0		63		155.0	21.3	5.0		23
	6.6		44			22.2			
		1.00				20.0			
		.95				15.0			
	17.5	.80				22.0	7.7	98	22
			92			22.0		105	24
	11.7	1.00				16.0			
		.95				19.0			
		.95				14.0			
	5.6	.90	54						20
	15.0	.90							
	11.1	.95			130.0	8.0	10.0		18
						21.0			
		1.00				14.0	6.6		
						20.0			
		1.00	48			19.7			
45.0		1.00	60	23,300		16.6			
	9.1	.80			105.0		12.0		20
	7.8	.95			115.0				21
			60			19.0			
	5.8	.95	54			24.5			
						20.0			
		1.30				18.0	8.0		
	8.0					16.0		92	32
			83			23.0			
45.0	13.0	.95				13.4	13.0	105	82
		1.20	52	20,700		15.5			
		1.20				19.0			
	8.8	.80						88	25
						21.7			
		1.40				17.0			
						20.8			
50.0	13.0	.70				15.0	12.0	86	14
	7.4	.95		19,000		10.9			
	15.0	.80				12.7	13.0	74	21
	7.4	.90		22,000	105.0	21.7			31
			15			24.0			
						14.2	13.7	105	18
		1.10				22.0			
			83						
		1.30				17.0			
			70			19.0			
45.8	7.37	.95	56	20,592	124.7	19.8	10.5	98	26

Table 367.—Hay: Area and production, by kinds, United States, 1972-86

Year	Area harvested			Production		
	Alfalfa	All other hay	All hay	Alfalfa	All other hay	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
1972.....	27,187	32,493	59,680	78,226	50,389	128,565
1973.....	27,826	34,002	61,828	78,805	55,412	134,217
1974.....	26,877	33,318	60,195	74,368	52,016	126,384
1975.....	27,288	34,065	61,353	78,183	54,214	132,397
1976.....	26,674	33,793	60,377	69,960	50,165	120,125
1977.....	27,150	33,838	60,988	80,814	51,397	132,211
1978.....	27,864	34,249	62,113	87,294	56,523	143,817
1979.....	27,550	33,729	61,279	88,110	59,197	147,307
1980.....	26,174	32,696	58,870	79,963	50,777	130,740
1981.....	26,243	33,356	59,599	83,696	50,824	134,520
1982.....	26,188	33,624	59,812	88,385	60,856	149,241
1983.....	25,710	34,007	59,717	82,212	58,552	140,764
1984.....	26,799	34,646	61,445	90,105	60,543	150,648
1985.....	25,608	34,815	60,423	85,048	63,553	148,601
1986 ¹	26,748	35,536	62,274	91,424	63,847	155,271

¹ Preliminary.

National Agricultural Statistics Service.

Table 368.—Pasture and range: Condition,¹ first of month, United States, 1972-86

Year	April ²	May	June	July	August	September	October	November	December ²
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1972.....	78	78	84	82	81	81	80	81	* 80
1973.....	86	87	87	87	83	78	82	83	* 81
1974.....	79	81	84	82	66	71	75	70	* 71
1975.....	77	76	86	88	80	76	80	77	* 74
1976.....	73	79	77	75	70	61	63	66	* 64
1977.....	68	76	74	68	64	71	76	75	* 72
1978.....	66	75	85	85	77	75	77	73	* 70
1979.....	75	84	87	86	84	86	81	77	* 75
1980.....	76	80	81	78	60	61	63	65	* 63
1981.....	70	79	80	84	82	82	80	80	* 78
1982.....	81	79	87	90	86	82	81	80	.....
1983.....	84	80	85	88	76	63	66	73	.....
1984.....	74	75	79	80	75	70	66	74	.....
1985.....	79	83	81	77	70	75	76	79	.....
1986.....	.....	76	80	83	76	79	83	85	.....

See footnotes on page 250.

Table 369.—Pasture and range: Condition,¹ June 1 and Sept. 1, by States, average 1975-84, annual 1985 and 1986

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Aver- age 1975- 84	1985	1986	Aver- age 1975- 84	1985	1986		Aver- age 1975- 84	1985	1986	Aver- age 1975- 84	1985	1986
	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent		Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent
AL	82	72	41	75	90	49	NV	85	77	87	84	69	70
AZ	77	94	63	75	72	89	NH	92	91	88	85	72	94
AR	87	93	93	67	76	75	NJ	88	86	75	75	86	82
CA	82	78	94	78	76	89	NM	74	95	58	76	83	98
CO	78	82	18	78	83	72	NY	89	84	87	78	63	92
CT	91	87	84	80	90	95	ND	71	77	96	96	63	96
DE	96	72	68	75	81	43	OH	86	90	90	82	84	69
FL	71	65	39	83	86	86	OK	87	90	88	67	84	83
GA	78	62	34	70	85	52	OR	89	76	84	86	64	69
ID	87	82	95	87	64	78	PA	89	86	80	78	78	77
IL	89	90	84	73	85	83	RI	92	105	84	87	100	95
IN	89	86	88	80	88	75	SC	78	53	35	68	85	51
IA	87	85	96	73	77	91	SD	72	52	91	71	50	89
KS	86	93	81	69	94	86	TN	89	86	75	76	85	72
KY	89	90	71	80	93	65	TX	74	80	67	60	61	71
LA	79	77	79	75	80	88	UT	82	95	88	81	70	88
ME	91	92	96	83	66	96	VT	90	94	94	80	65	92
MD	85	82	74	76	85	48	VA	87	73	73	76	91	69
MA	92	91	92	83	89	96	WA	85	66	81	83	57	76
MI	86	79	89	76	83	85	WV	83	89	76	81	86	84
MN	77	90	93	71	78	92	WI	85	89	89	76	74	88
MS	82	81	78	76	84	59	WY	87	74	93	84	47	88
MO	86	92	82	61	91	72	US	82	81	80	78	75	79
MT	79	51	90	78	43	76							
NE	84	89	91	75	76	85							

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

National Agricultural Statistics Service.

Table 370.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1977-85

Kind of seed	1977	1978	1979	1980	1981	1982	1983	1984	1985 ¹
Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties	158.00	165.00	175.00	178.00	170.00	156.00	172.00	163.00	159.00
Alfalfa, certified varieties	182.00	190.00	210.00	219.00	217.00	205.00	212.00	227.00	227.00
Red clover	110.00	121.00	116.00	111.00	115.00	127.00	157.00	143.00	126.00
Alsike clover	88.00	64.00							
Ladino clover	220.00	220.00	235.00	280.00	313.00	331.00	350.00	366.00	351.00
Crimson clover	59.00	77.00	82.50	83.00	85.60	62.10	90.20	92.00	71.90
Timothy	75.00	97.50	94.00	91.50	88.10	69.90	70.80	69.10	64.50
Orchardgrass	62.00	69.50	88.00	92.00	97.90	97.60	97.70	91.40	82.50
Blue Grass, Kentucky:									
Public and common			155.00	156.00	139.00	99.00	90.00	95.00	145.00
Proprietary, including Merion			218.00	220.00	204.00	180.00	140.00	140.00	179.00
Tall fescue	50.00	47.50	52.50	47.50	62.30	59.00	69.40	59.30	60.80
Ryegrass, annual	28.00	28.50	29.00	28.50	35.20	36.70	37.80	37.10	36.60
Ryegrass, perennial	56.00	60.50	75.50	87.50	91.40	86.40	77.00	70.80	75.60
Hairy vetch	49.00	56.00	65.50	64.00	70.40	67.50	72.80	61.00	65.00
Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat (winter)	4.40	5.90	7.40	7.40	7.41	7.42	7.28	7.40	7.16
Oats (winter)	3.60	3.25	3.95	4.60	4.82	5.18	5.10	5.36	4.95
Barley (winter)	4.30	4.70	5.40	5.70	6.09	6.14	6.28	6.65	6.72
Rye	5.20	4.90	6.20	6.60	6.76	6.73	6.62	6.90	6.80

¹ Last year of Sept. 15 series.

National Agricultural Statistics Service.

Table 371.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1978-87

Kind of seed	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Price per 100 pounds										
	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
Alfalfa, uncertified varieties.....	168.00	180.00	174.00	172.00	153.00	163.00	156.00	149.00	170.00	173.00
Alfalfa, certified varieties.....	194.00	215.00	213.00	218.00	202.00	208.00	219.00	219.00	219.00	222.00
Red clover.....	128.00	115.00	110.00	117.00	126.00	160.00	145.00	121.00	133.00	160.00
Alsike clover.....	67.00									
Sweetclover.....	39.00									
Ladino clover.....	220.00	280.00	250.00	317.00	326.00	346.00	354.00	355.00	339.00	323.00
Lespedeza, Korean.....	74.00	66.00	52.00	82.00	75.10	72.10	85.70	115.00	85.00	68.00
Lespedeza, Striate, Kobe.....	107.00	96.00	71.00	104.00	96.00	103.00	137.00	109.00	78.50	82.00
Lespedeza, Sericea.....	301.00	157.00	106.00	128.00	115.00	91.10	198.00	210.00	193.00	233.00
Timothy.....	124.00	98.00	80.00	98.20	62.00	69.20	69.30	58.80	78.10	107.00
Orchardgrass.....	70.00	85.00	95.00	96.00	101.00	96.10	94.70	80.90	86.90	115.00
Blue Grass, Kentucky: Public and common.....		125.00	160.00	129.00	107.00	89.00	91.00	103.00	211.00	246.00
Proprietary, including Merion.....		226.00	205.00	177.00	184.00	150.00	143.00	147.00	230.00	273.00
Ryegrass, annual.....	32.00	32.00	35.50	37.80	37.20	39.20	39.00	37.30	36.10	45.10
Tall fescue.....	62.00	40.00	49.50	65.40	59.50	73.80	72.90	53.10	66.70	107.00
Sudangrass.....	32.00	33.00	33.50	40.70	45.10	45.00	42.40	43.50	44.70	44.20
Potatoes.....	5.00	4.60	4.90	11.00	8.10	6.90	8.76	8.06	6.62	7.95
Peanuts.....	53.00	54.00	64.00	80.00	58.00	60.50	71.60	61.30	66.70	84.10
Sunflower ¹		155.00	165.00	181.00	200.00	211.00	254.00	207.00	258.00	281.00
Cottonseed.....	31.00	33.10	35.20	40.60	41.80	42.80	48.00	48.20	46.60	48.10
Grain sorghums, hybrid.....	43.00	41.00	45.00	49.40	61.50	65.30	64.20	66.10	67.40	63.60
Forage sorghums.....	22.50	23.80	27.00	32.30						
Price per bushel										
	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
Corn, hybrid.....	43.00	45.50	52.50	60.00	63.70	64.60	70.20	71.80	* 65.60	64.90
Wheat (spring).....	5.10	5.40	6.60	7.22	6.89	6.69	6.37	6.10	5.94	5.56
Oats (spring).....	3.10	3.29	3.95	4.42	4.51	4.37	4.52	4.18	3.63	3.99
Barley (spring).....	4.10	4.29	4.90	5.95	5.60	5.22	5.31	5.10	4.82	4.47
Soybeans for seed.....	11.50	12.00	10.40	14.00	10.70	10.10	13.40	11.90	10.80	11.30
Flaxseed.....	7.00	10.00	9.80	12.90	11.20	9.24	9.82	9.80	8.37	6.11

¹ Estimates beginning 1979.² Price per 80,000 kernels.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 368

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.² Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.³ 30 States (April only). April only discontinued after 1985.⁴ 37 States (April and December only).

National Agricultural Statistics Service.

Table 372.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1972-86 ^{1 2}

Year	Area planted	Area harvested	Yield per harvested acre ³	Production ²	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers ⁴	Value of production ⁴
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1972.....	1,456	1,371	1,312	17,963	152	17,831	11.00	196,335
1973.....	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974.....	1,587.4	1,517.8	1,339	20,330	163	20,167	19.60	402,367
1975.....	1,514.2	1,466.1	1,190	17,442	152	17,290	29.10	350,988
1976.....	1,531.8	1,489.3	1,198	17,836	149	17,687	15.50	276,876
1977.....	1,462.7	1,289.9	1,304	16,555	136	16,419	20.20	333,821
1978.....	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979.....	1,427.0	1,387.7	1,481	20,552	(⁵)	(⁵)	22.80	468,026
1980.....	1,920.0	1,859.0	1,438	26,729	(⁵)	(⁵)	27.60	737,447
1981.....	2,390.0	2,270.0	1,443	32,751	(⁵)	(⁵)	21.00	688,471
1982.....	1,924.5	1,777.0	1,439	25,563	(⁵)	(⁵)	14.20	363,809
1983.....	1,180.0	1,138.7	1,363	15,520	(⁵)	(⁵)	22.40	347,867
1984.....	1,501.0	1,460.3	1,443	21,070	(⁵)	(⁵)	18.70	394,969
1985.....	1,569.9	1,481.4	1,497	22,175	(⁵)	(⁵)	17.60	389,376
1986 ⁶	1,673.8	1,495.0	1,532	22,898	(⁵)	(⁵)	18.80	431,172

¹ Figures include principal producing States only.

² Excludes beans grown for garden seed.

³ Cleaned basis.

⁴ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

⁵ Estimates discontinued.

⁶ Preliminary.

National Agricultural Statistics Service.

Table 373.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1984-86 ¹

Class	1984	1985 ²	1986 ²	Class	1984	1985 ²	1986 ²
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pean (navy).....	4,979	6,273	3,515	Black turtle soup.....	110	182	700
Great northern.....	2,404	1,480	2,714	Large lima.....	648	931	385
Small white.....	830	631	233	Baby lima.....	546	674	649
Pinto.....	7,286	7,505	10,056	Blackeye, California.....	930	780	718
Red kidney.....	1,624	1,665	1,363	Garbanzo.....	19	39	55
Pink.....	841	816	1,248	Other.....	323	418	479
Small red.....	345	506	549	Total.....	21,070	22,175	22,896
Cranberry.....	185	275	225				

¹ Excludes beans grown for garden seed.

² Preliminary.

National Agricultural Statistics Service.

Table 374.—Beans, dry edible: Area, yield, and production, by States, 1984-86¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 trut.
CA	196.0	180.0	157.0	191.0	178.0	155.0	1,685	2,092	1,854	3,218	3,563	2,874
CO	195.0	210.0	191.0	190.0	205.0	185.0	1,260	1,300	1,460	2,394	2,665	2,701
ID	140.0	120.0	140.0	138.0	118.0	139.0	1,790	1,700	1,960	2,470	2,006	2,724
KS	13.0	17.0	24.0	12.0	16.0	23.0	1,700	1,700	1,650	204	272	380
MI	400.0	440.0	480.0	390.0	410.0	340.0	1,100	1,320	800	4,290	5,412	2,720
MN	52.0	68.0	65.0	50.0	62.0	61.0	1,400	1,400	1,650	700	868	1,007
MT	8.5	3.4	4.8	8.0	3.0	4.5	1,900	1,900	2,160	152	57	97
NE	175.0	165.0	211.0	170.0	151.0	205.0	1,900	1,850	2,100	3,230	2,794	4,305
NY	32.0	35.0	33.0	31.0	33.0	31.0	1,200	900	1,400	372	297	434
ND	205.0	260.0	290.0	200.0	237.0	280.0	1,250	1,270	1,550	2,520	3,010	4,340
UT	9.5	8.5	9.0	9.3	8.4	8.5	580	480	480	54	40	41
WA	35.0	34.0	32.0	34.0	33.0	31.0	2,080	2,150	2,160	707	710	670
WY	38.0	29.0	33.0	37.0	27.0	32.0	2,050	1,780	1,890	759	481	605
US	1,501.0	1,569.9	1,873.8	1,460.3	1,481.4	1,495.0	1,443	1,497	1,532	21,070	22,175	22,898

¹ Excludes beans grown for garden seed.² Preliminary.

National Agricultural Statistics Service.

Table 375.—Beans, dry edible (cleaned basis): Season average price and value of production, by States, crop of 1984, 1985, and 1986¹

State	Season average price per cwt.			Value of production		
	1984	1985	1986 ²	1984	1985	1986 ²
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
CA	28.50	22.30	27.10	90,748	79,455	77,885
CO	16.70	17.20	15.50	39,980	45,838	41,866
ID	16.10	18.80	16.60	39,767	37,713	45,218
KS	15.60	17.20	15.60	3,182	4,678	5,528
MI	19.60	15.00	18.30	84,084	81,180	49,776
MN	19.20	14.60	23.10	13,440	12,673	23,282
MT	15.00	17.00	15.00	2,280	969	1,455
NE	14.90	19.90	16.10	48,127	55,601	69,311
NY	20.70	19.10	19.50	7,700	5,673	8,463
ND	16.10	14.40	19.70	40,572	43,344	85,498
UT	20.50	18.00	16.50	891	720	677
WA	17.80	18.20	18.50	12,585	12,922	12,895
WY	15.30	17.50	15.60	11,613	8,610	9,348
US	18.70	17.60	18.80	394,969	389,376	431,172

¹ Excludes beans grown for garden seed.² Preliminary.

National Agricultural Statistics Service.

Table 376.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1972-85

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	Light red kidney				
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1972.....	17.40	29.51	15.82	28.18	11.00	16.90	13.20	(¹)
1973.....	32.50	39.18	29.82	41.75	39.15	36.60	43.55	(¹)
1974.....	16.00	24.55	14.70	27.95	32.75	30.95	27.65	16.08
1975.....	17.71	32.68	21.77	23.81	17.85	21.15	19.95	28.11
1976.....	20.82	40.69	31.78	21.35	14.75	18.20	16.10	18.65
1977.....	20.41	31.45	23.60	37.92	23.25	22.80	22.55	22.10
1978.....	22.27	37.06	25.95	22.90	21.65	23.50	25.14	18.89
1979.....	21.13	43.88	24.22	31.22	31.76	27.35	33.06	22.74
1980.....	39.25	40.68	31.52	34.45	35.51	35.13	35.87	33.47
1981.....	26.78	36.92	31.17	31.39	17.82	26.62	21.04	31.88
1982.....	28.61	32.65	23.19	22.05	15.00	20.15	18.78	17.20
1983.....	25.60	51.58	30.34	38.69	30.13	27.53	21.82	26.46
1984.....	23.44	43.40	24.47	30.31	29.72	19.36	23.66	22.77
1985.....	20.38	23.40	22.84	26.80	22.09	27.07	23.24	18.56

¹ Data not collected prior to 1974.

Economic Research Service. Compiled from the Bean Market Summary (formerly Bean Market Review), Agricultural Marketing Service, U.S. Department of Agriculture, Denver, Colorado.

Table 377.—Beans, dry edible: United States exports to specified countries, 1983/84-1985/86 ^{1 2}

Continent and country	1983/84	1984/85	1985/86	Continent and country	1983/84	1984/85	1985/86
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe—Continued			
Canada.....	17,491	12,709	9,770	Italy.....	6,467	6,831	12,069
Dominican Republic.....	47	2,370	7,129	Netherlands.....	19,474	19,296	33,000
French West Indies.....	1,149	825	1,976	Spain.....	1,499	1,797	2,940
Mexico.....	370	8,642	35,712	United Kingdom.....	54,400	56,746	55,390
Panama.....	8,226	4,107	5,697	Total.....	103,423	104,065	128,755
Trinidad and Tobago.....	1,718	2,395	1,819				
Total.....	23,992	31,048	61,203	Asia:			
South America:				Israel.....	280	413	289
Brazil.....	4,978	32,081	1,486	Japan.....	26,739	21,064	29,777
Colombia.....	4,738	6,475	10	Philippines.....	931	530	748
Venezuela.....	12,991	14,760	6,212	Total.....	27,950	21,997	30,814
Total.....	22,707	53,316	7,708	Oceania:			
Europe:				Australia.....	4,738	2,174	2,523
Belgium and Luxembourg.....	4,288	3,823	8,007	Other countries.....	32,994	58,642	79,584
France.....	13,744	12,302	18,438	Grand total.....	235,744	271,262	310,587
Germany, Fed. Rep. of.....	3,551	3,294	4,311				

¹ Marketing year beginning previous September.

² Excluding seed bean exports.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 378.—Beans, dry edible: United States exports by class and quantity, 1972-86

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other ²	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1972	44,545	28,083	2,161	15,184	8,708	70,157	6,399	175,237
1973	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977	32,822	41,178	1,707	29,899	11,424	66,627	6,282	189,933
1978	81,348	39,639	3,535	32,187	10,189	65,933	6,267	239,206
1979	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980	73,276	50,380	5,002	92,249	38,190	73,792	9,261	342,150
1981	101,095	64,210	6,229	316,618	25,907	155,079	13,505	682,641
1982	80,279	70,195	5,398	383,635	21,684	297,237	10,876	779,304
1983	89,145	68,841	4,491	14,301	20,537	86,757	n.a.	284,071
1984	63,028	38,491	4,741	24,976	21,147	83,261	n.a.	235,744
1985	62,756	55,024	3,368	65,105	13,267	71,742	n.a.	271,282
1986	80,597	35,300	4,037	61,092	14,321	114,640	n.a.	310,587

¹ Marketing year beginning previous September.² Includes other colored, black turtle, blackeye, and limas.

n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 379.—Peas, dry field: United States exports to specified countries, 1983/84-85/86 ^{1 2}

Continent and country	1983/ 84	1984/ 85	1985/ 86	Continent and country	1983/ 84	1984/ 85	1985/ 86
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe—Continued			
Canada	458	409	625	Iceland	242	172	239
Mexico	13	212	119	Italy	2,333	1,345	917
Panama	742	535	258	Netherlands	426	145	262
Trinidad and Tobago	4,554	2,307	939	Norway	499	389	391
Total	5,767	3,463	1,941	Sweden	20	38	0
South America:				Switzerland	139	0	35
Brazil	5,776	3,896	5,758	United Kingdom	8,473	2,463	2,461
Colombia	6,780	12,018	12,915	Total	13,447	4,819	4,831
Peru	7,485	7,225	7,750	Asia:			
Surinam	1,009	73	0	Hong Kong	372	773	398
Venezuela	14,945	24,971	11,575	Israel	301	390	178
Total	35,905	48,183	37,998	Japan	7,795	5,309	5,146
Europe:				Philippines	1,757	1,411	1,476
Belgium and Luxembourg	646	0	461	Total	10,225	8,483	8,198
Denmark	17	0	65	Other countries	52,482	49,250	43,600
Germany, Fed. Rep. of	652	297	0	Grand total	117,916	114,198	101,568

¹ Marketing year beginning previous September.² Excluding seed pea exports.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 380.—Hops: Season average price and value of production, by States, crop of 1984, 1985, and 1986

State	Season average price per pound			Value of production		
	1984	1985	1986 ¹	1984	1985 ¹	1986 ¹
	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
CA.....	258.0	(²)	(²)	516	(²)	(²)
ID.....	292.0	300.0	248.0	15,841	15,159	12,490
OR.....	210.0	213.0	179.0	14,612	17,455	15,154
WA.....	199.0	181.0	162.0	86,782	66,002	67,594
Total.....	210.0	198.0	174.0	117,701	98,616	85,958

¹ Preliminary.² 1985 and 1986 data combined with Washington to avoid disclosure of individual operations.

National Agricultural Statistics Service.

Table 381.—Hops: Area, yield, and production, by States, 1984-86

State	Area harvested			Yield per acre			Production ¹		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984 ²	1985 ²	1986 ¹
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
CA.....	0.1	(²)	(²)	2,000	(²)	(²)	200	(²)	(²)
ID.....	3.1	3.1	2.5	1,750	1,630	2,000	5,425	5,055	5,000
OR.....	4.9	5.5	5.1	1,420	1,490	1,660	6,958	8,195	8,466
WA.....	22.7	19.5	17.4	1,930	1,870	2,040	43,584	36,465	35,946
US.....	30.8	28.1	25.0	1,824	1,769	1,958	56,167	48,713	48,962

¹ Preliminary.² Includes hops lost by fire (pounds): 1984—Wash. 10,000; 1985—Wash. 40,000.³ 1985 and 1986 data combined with Washington to avoid disclosure of individual operations.

National Agricultural Statistics Service.

Table 382.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1972-86

Year	Area harvested	Yield per acre	Production ¹	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	1,000 acres	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds
1972.....	29.7	1,728	51,300	51,180	71.4	36,631	28,770
1973.....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974.....	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975.....	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976.....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977.....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978.....	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979.....	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980.....	37.1	2,037	75,560	(²)	151.0	114,194	32,800
1981.....	43.1	1,836	79,144	(²)	151.0	119,220	34,430
1982.....	39.6	1,984	78,558	(²)	174.9	136,884	47,030
1983.....	36.9	1,846	68,111	(²)	193.0	131,463	61,060
1984.....	30.8	1,824	56,167	(²)	210.0	117,701	65,096
1985.....	28.1	1,769	49,713	(²)	198.0	98,616	70,460
1986 ³	25.0	1,958	48,962	(²)	174.0	85,058	70,950

¹ Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 129 in 1972; 51 in 1974; 176 in 1975; 215 in 1978; 883 in 1980; 90 in 1981; 5 in 1982; 1,020 in 1983; 10 in 1984; and 40 in 1985.

² Series discontinued.

³ Preliminary.

National Agricultural Statistics Service.

Table 383.—Hops: United States exports by country of destination and imports by country of origin, 1983/84-1985/86

Item and country	Year beginning September			Item and country	Year beginning September		
	1983/84	1984/85	1985/86		1983/84	1984/85	1985/86
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium/Luxembourg.....	107	40	20	Canada.....	1,378	1,226	715
Germany, Fed. Rep. of.....	876	207	271	Japan.....	448	299	310
Ireland.....	47	58	0	Nigeria.....	84	246	111
Soviet Union.....	75	0	0	South Africa.....	56	45	72
United Kingdom.....	126	1	45	Taiwan.....	0	0	0
Other countries.....	190	239	124	Other countries.....	388	295	237
Total.....	1,421	545	460	Total.....	2,354	2,111	1,445
Latin America:				Grand total.....	7,303	6,981	5,613
Argentina.....	166	71	177	IMPORTS			
Brazil.....	1,162	1,959	1,528	Australia.....		37	73
Chile.....	68	32	37	Belgium/Luxembourg.....	16	11	11
Colombia.....	733	367	753	Canada.....	96	63	34
Guatemala.....	80	53	50	Czechoslovakia.....	1,287	729	1,243
Mexico.....	878	1,293	693	France.....	109	163	145
Peru.....	42	25	74	Germany, Fed. Rep. of.....	5,172	5,396	6,355
Uruguay.....	16	8	10	Poland.....	290	236	200
Venezuela.....	136	155	163	United Kingdom.....	2	2	2
Other countries.....	250	361	223	Yugoslavia.....	0	0	114
Total.....	3,531	4,324	3,708	Other countries.....	53	121	3
				Total.....	7,105	6,757	8,180

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER VII

STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

Table 384.—All cattle and calves: Number and value, United States, Jan. 1, 1972-87

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1972.....	117,862	208.00	24,519,645	1980.....	111,242	502.00	55,844,204
1973.....	121,539	252.00	30,583,562	1981.....	114,351	473.00	54,123,534
1974.....	127,788	293.00	37,477,181	1982.....	115,444	415.00	47,905,367
1975.....	132,028	159.00	20,999,806	1983.....	115,901	406.00	46,706,359
1976.....	127,980	190.00	24,334,959	1984.....	113,709	396.00	44,976,575
1977.....	122,810	206.00	25,249,390	1985.....	109,749	402.00	44,138,618
1978.....	116,375	232.00	27,030,385	1986.....	105,468	391.00	41,279,749
1979.....	110,864	403.00	44,697,773	1987 ¹	102,031	407.00	41,491,650

¹ Preliminary.

National Agricultural Statistics Service.

Table 385.—All cattle and calves: Number, by classes, United States, Jan. 1, 1972-87

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Calves under 500 pounds
		Beef cows	Milk cows	Heifers			Steers	Bulls	
				Beef cow replacements	Milk cow replacements	Other			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	117,862	38,810	11,776	6,987	3,828	6,309	15,999	2,377	31,688
1973.....	121,539	40,932	11,632	7,434	3,872	6,432	16,553	2,467	32,229
1974.....	127,788	43,182	11,297	8,198	3,941	6,852	17,760	2,643	33,922
1975.....	132,028	45,712	11,230	8,884	4,087	6,518	16,333	2,985	36,291
1976.....	127,980	43,901	11,071	7,192	3,956	7,391	17,094	2,845	34,531
1977.....	122,810	41,443	10,998	6,627	3,887	8,048	16,884	2,664	32,360
1978.....	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979.....	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,408	27,263
1980.....	111,242	37,107	10,758	5,942	4,159	7,182	16,049	2,492	27,603
1981.....	114,351	38,773	10,849	6,187	4,342	7,289	15,521	2,547	28,903
1982.....	115,444	39,230	10,966	6,007	4,547	7,190	15,497	2,611	28,777
1983.....	115,901	37,940	11,047	6,396	4,545	7,965	16,214	2,609	28,346
1984.....	113,709	37,494	11,109	6,183	4,532	7,851	16,371	2,549	27,611
1985.....	109,749	35,370	10,805	5,542	4,760	8,056	16,369	2,411	26,436
1986.....	105,468	33,633	11,177	5,149	4,761	8,090	15,967	2,261	24,431
1987 ¹	102,068	33,910	10,547	5,164	4,335	7,548	15,249	2,304	23,084

¹ Preliminary.

National Agricultural Statistics Service.

Table 386.—All cattle and calves: Number and value, by States, Jan. 1, 1985-87

State	Number			Value					
	1985	1986	1987 ¹	Value per head			Total value		
				1985	1986	1987 ¹	1985	1986	1987 ¹
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	1,830	1,780	1,850	295.00	290.00	295.00	539,850	516,200	545,750
AK.....	9.5	9.2	9.5	585.00	620.00	620.00	5,558	5,704	5,890
AZ.....	1,050	1,050	1,000	395.00	375.00	385.00	414,750	393,750	385,000
AR.....	1,850	1,750	1,840	330.00	320.00	325.00	619,500	560,000	598,000
CA.....	4,960	5,000	4,750	520.00	515.00	545.00	2,579,200	2,575,000	2,588,750
CO.....	3,000	2,850	2,600	445.00	435.00	430.00	1,335,000	1,239,750	1,118,000
CT.....	110	100	83	565.00	555.00	570.00	62,150	55,500	47,310
DE.....	26	27	31	615.00	615.00	575.00	15,990	16,605	17,825
FL.....	2,190	2,120	2,140	340.00	345.00	345.00	744,600	731,400	738,900
GA.....	1,750	1,700	1,650	310.00	300.00	320.00	542,500	510,000	528,000
HI.....	221	209	195	335.00	330.00	360.00	74,035	68,970	70,200
ID.....	1,780	1,750	1,550	410.00	400.00	415.00	729,900	700,000	643,250
IL.....	2,500	2,470	2,250	415.00	410.00	420.00	1,037,500	1,012,700	945,900
IN.....	1,620	1,570	1,470	395.00	395.00	390.00	639,900	620,150	573,300
IA.....	5,600	4,950	4,650	445.00	420.00	430.00	2,492,000	2,079,000	1,999,500
KS.....	5,860	5,800	5,920	365.00	360.00	370.00	2,138,900	2,088,000	2,190,400
KY.....	2,580	2,480	2,450	360.00	365.00	380.00	928,900	905,200	931,000
LA.....	1,320	1,240	1,160	335.00	335.00	345.00	442,200	415,400	400,200
ME.....	145	135	120	525.00	505.00	515.00	76,125	68,175	61,800
MD.....	390	370	330	570.00	590.00	585.00	222,300	214,600	193,050
MA.....	100	100	85	565.00	560.00	570.00	56,500	56,500	48,450
MI.....	1,450	1,410	1,325	590.00	475.00	500.00	725,000	669,750	662,500
MN.....	3,550	3,400	3,150	460.00	425.00	465.00	1,633,000	1,445,000	1,464,750
MS.....	1,588	1,430	1,373	285.00	300.00	305.00	452,580	429,000	418,765
MO.....	4,850	4,800	4,600	365.00	350.00	390.00	1,770,250	1,680,000	1,794,000
MT.....	2,960	2,450	2,400	380.00	375.00	400.00	1,124,800	918,750	960,000
NE.....	6,100	5,800	5,500	410.00	395.00	410.00	2,501,000	2,291,000	2,255,000
NV.....	620	610	550	355.00	360.00	375.00	220,100	219,600	206,250
NH.....	69	69	62	560.00	535.00	550.00	38,640	36,915	34,100
NJ.....	102	97	90	630.00	615.00	610.00	64,260	59,655	54,900
NM.....	1,410	1,380	1,360	350.00	350.00	355.00	493,500	486,500	482,800
NY.....	2,000	1,970	1,885	555.00	520.00	550.00	1,110,000	1,024,400	1,036,750
NC.....	1,175	1,100	950	350.00	360.00	365.00	411,250	396,000	346,750
ND.....	2,050	2,000	1,900	415.00	395.00	420.00	850,750	790,000	798,000
OH.....	1,835	1,840	1,800	445.00	435.00	450.00	816,575	800,400	810,000
OK.....	5,300	5,200	5,200	325.00	325.00	330.00	1,722,500	1,690,000	1,716,000
OR.....	1,650	1,575	1,460	410.00	390.00	420.00	676,500	614,250	588,000
PA.....	1,960	1,960	1,950	575.00	525.00	550.00	1,127,000	1,029,000	1,072,500
RI.....	8.0	7.0	7.0	585.00	575.00	580.00	4,680	4,025	4,060
SC.....	620	635	620	365.00	340.00	355.00	226,300	215,900	220,100
SD.....	4,160	3,600	3,600	400.00	385.00	405.00	1,664,000	1,386,000	1,458,000
TN.....	2,535	2,500	2,400	325.00	320.00	335.00	823,875	800,000	804,000
TX.....	14,100	13,600	13,400	335.00	335.00	340.00	4,723,500	4,556,000	4,566,000
UT.....	800	790	770	395.00	395.00	410.00	316,000	312,050	315,700
VT.....	350	350	325	585.00	570.00	610.00	204,750	199,500	198,250
VA.....	1,760	1,840	1,860	370.00	355.00	365.00	651,200	653,200	678,900
WA.....	1,470	1,460	1,300	475.00	440.00	485.00	698,250	642,400	630,500
WV.....	580	520	560	375.00	375.00	355.00	217,500	195,000	198,800
WI.....	4,440	4,280	4,260	600.00	570.00	605.00	2,664,000	2,439,600	2,577,300
WY.....	1,365	1,325	1,300	380.00	350.00	400.00	518,700	463,750	520,000
US.....	109,749	105,468	102,031	402.00	\$91.00	407.00	44,138,618	41,279,749	41,491,650

¹ Preliminary.

National Agricultural Statistics Service.

CATTLE AND CALVES

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Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1986 and 1987

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL	862	917	48	43	147	148	14	13	69	65
AK	2.5	2.5	2.1	2.4	.6	.6	.6	.8	.2	.1
AZ	293	268	88	87	47	54	21	20	10	18
AR	852	986	78	62	136	160	33	22	37	34
CA	950	950	1,030	990	165	155	490	470	195	185
CO	773	752	82	73	100	100	35	26	645	580
CT	6	6	47	40	1	1	23	15	1	1
DE	2	3	10	11	1	1	3	2	2	1
FL	1,185	1,192	185	178	170	170	36	35	46	35
GA	751	760	119	100	111	116	41	38	68	69
HI	81	68	11	12	14	20	5	5	20	17
ID	536	518	174	162	96	82	82	68	137	130
IL	640	585	230	215	75	69	107	95	400	375
IN	490	379	235	201	58	55	102	90	125	120
IA	1,190	1,182	380	308	125	140	145	125	605	550
KS	1,455	1,458	115	112	185	192	45	43	810	895
KY	976	997	234	223	139	146	82	75	97	96
LA	620	620	96	89	106	95	31	26	24	22
ME	10	10	54	49	4	4	28	29	2	2
MD	71	50	124	125	13	10	53	48	12	7
MA	10	11	46	38	3	2	15	13	1	1
MI	153	150	397	370	22	27	192	187	45	54
MN	396	405	940	855	62	65	398	350	254	274
MS	686	690	86	75	115	115	35	30	30	20
MO	1,955	2,003	235	217	264	271	110	97	221	182
MT	1,373	1,326	27	24	230	235	10	7	170	132
NE	1,738	1,677	112	103	210	200	35	30	1,015	930
NV	301	266	19	19	41	36	6	8	14	16
NH	5	6	29	27	1	1	15	11	1	1
NJ	14	13	38	35	4	3	13	13	3	2
NM	542	529	68	61	87	97	28	22	75	77
NY	87	104	968	914	24	36	430	390	40	47
NC	393	361	127	114	75	61	43	35	32	26
ND	958	906	102	92	134	139	36	33	140	130
OH	385	390	390	370	70	65	165	160	90	95
OK	1,837	2,013	113	107	280	235	30	40	470	445
OR	598	568	102	92	100	91	57	49	117	84
PA	190	212	747	735	37	40	230	294	49	52
RI	.6	.7	8.4	3.2	.2	.3	1.2	1.1	0	0
SC	271	280	48	46	53	50	13	16	23	20
SD	1,468	1,491	162	149	160	184	42	39	235	302
TN	1,040	1,027	210	203	190	175	100	85	55	50
TX	5,178	5,275	322	325	880	880	140	100	1,230	1,040
UT	298	320	82	74	44	45	44	35	34	41
VT	10	12	186	178	3	3	73	63	2	1
VA	650	720	165	150	111	99	73	82	80	67
WA	407	399	223	201	73	75	115	90	112	103
WV	241	273	34	32	32	35	15	16	18	21
WI	184	190	1,892	1,840	47	47	847	814	90	94
WY	669	650	11	10	102	112	3	3	89	89
US	33,633	33,910	11,177	10,547	5,149	5,154	4,761	4,335	8,090	7,548

See footnotes at end of table.

Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1986 and 1987—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....	92	112	65	82	483	490
AK.....	4	3	1.0	1.1	1.8	1.7
AZ.....	306	285	31	36	254	238
AR.....	104	105	50	56	460	463
CA.....	860	830	70	70	1,150	1,100
CO.....	740	665	45	45	430	395
CT.....	2	3	1	1	19	16
DE.....	4	5	1	1	4	7
FL.....	70	40	73	75	405	415
GA.....	102	90	51	53	457	424
HI.....	20	23	6	5	52	45
ID.....	297	240	35	35	403	315
IL.....	400	390	44	40	574	510
IN.....	205	205	30	30	400	390
IA.....	1,170	1,065	75	70	1,290	1,210
KS.....	1,800	1,815	70	70	1,320	1,335
KY.....	238	245	64	69	650	599
LA.....	39	30	42	37	282	241
ME.....	5	6	2	2	30	27
MD.....	26	21	6	5	65	64
MA.....	3	3	2	1	20	16
MI.....	215	210	20	17	265	300
MN.....	525	485	37	38	788	677
MS.....	75	55	51	50	352	338
MO.....	533	470	106	100	1,376	1,260
MT.....	245	215	80	77	315	384
NE.....	1,400	1,350	85	80	1,205	1,130
NV.....	43	38	16	15	170	152
NH.....	2	3	1	1	15	12
NJ.....	4	6	2	2	19	16
NM.....	210	212	40	39	240	222
NY.....	36	38	22	21	363	335
NC.....	63	57	32	28	335	268
ND.....	210	195	50	46	370	357
OH.....	295	270	39	40	406	410
OK.....	1,000	920	110	115	1,360	1,325
OR.....	190	155	36	34	375	327
PA.....	225	206	29	30	393	381
RI.....	3	4	1	1	1.2	1.2
SC.....	39	36	23	23	160	149
SD.....	430	445	73	72	980	918
TN.....	165	155	65	60	675	645
TX.....	2,400	2,500	390	380	3,060	2,900
UT.....	95	90	17	19	176	145
VT.....	4	3	4	4	68	60
VA.....	250	299	40	43	466	410
WA.....	226	209	28	23	256	210
WV.....	56	40	19	17	105	117
WI.....	265	270	43	34	912	971
WY.....	137	137	39	38	275	261
US.....	15,967	15,249	2,261	2,204	24,431	23,064

¹ Preliminary.

National Agricultural Statistics Service.

Table 388.—Cattle and buffalo: Number in specified countries, 1985-87 ¹

Continent and country	1985	1986	1987 ²	Continent and country	1985	1986	1987 ²
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
North America:				Other Western			
Canada.....	10,980	10,591	10,400	Europe—Con.			
Mexico.....	33,853	32,167	33,603	Sweden.....	1,837	1,715	1,665
United States.....	109,749	105,468	102,031	Switzerland.....	1,936	1,902	1,858
Total.....	154,582	148,226	145,934	Total other			
South America:				Western Europe.....	14,078	13,904	13,686
Argentina.....	58,807	57,485	55,684	Bulgaria.....	1,784	1,735	1,700
Brazil.....	94,700	95,210	97,030	Czechoslovakia.....	5,150	5,065	5,073
Colombia.....	21,935	20,514	19,267	German Dem. Rep.....	5,848	5,827	5,804
Uruguay.....	9,946	9,961	10,323	Hungary.....	1,901	1,766	1,725
Venezuela.....	11,844	12,063	12,331	Poland.....	10,906	10,774	10,522
Total.....	197,832	195,253	194,635	Romania.....	7,039	7,077	7,250
Central America and				Yugoslavia.....	5,199	5,034	5,030
Caribbean:				Total Eastern			
Costa Rica.....	2,553	2,510	2,360	Europe.....	36,835	37,278	37,104
El Salvador.....	962	980	1,024	Total Europe.....	129,663	128,699	126,577
Guatemala.....	2,587	2,570	2,560	Soviet Union.....	121,055	120,800	122,100
Honduras.....	2,804	2,803	2,859	Africa:			
Nicaragua.....				Egypt.....	5,500	5,339	4,900
Panama.....	1,452	1,453	1,479	South Africa.....	12,000	11,750	12,002
Dominican Rep.....	1,922	2,018	2,055	Total.....	17,500	17,089	16,902
Total.....	12,290	12,334	12,337	Asia and Mid East:			
Europe:				China.....	82,593	86,820	91,660
Belgium.....				India.....	271,390	275,240	273,560
Luxembourg.....	3,210	3,164	3,146	Israel.....	285	197	191
Denmark.....	2,704	2,623	2,490	Japan.....	4,680	4,742	4,694
France.....	23,102	22,803	22,158	Korea, Rep. of.....	2,652	2,943	2,907
Germany, Fed. Rep.				Philippines.....	4,769	4,799	4,820
of.....	15,688	15,627	15,305	Saudi Arabia.....	300	300	200
Ireland.....	5,835	5,779	5,626	Taiwan.....	130	143	153
Italy.....	9,206	9,010	8,921	Turkey.....	15,506	15,000	14,450
Netherlands.....	5,280	5,076	4,922	Total.....	382,132	390,184	392,535
United Kingdom.....	12,985	12,695	12,476	Oceania:			
Greece.....	740	740	743	Australia.....	22,784	23,436	23,596
Total EC.....	78,750	77,517	75,787	New Zealand.....	7,777	7,931	8,279
Austria.....	2,600	2,655	2,637	Total.....	30,561	31,157	31,875
Finland.....	1,591	1,567	1,485	Total selected			
Portugal.....	1,110	1,099	1,087	countries.....	1,045,605	1,043,742	1,042,895
Spain.....	4,945	4,966	4,954				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

FOOTNOTES FOR TABLE 392

¹ Calves born during the year.

² Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

³ Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

⁴ Preliminary.

⁵ Adjustments made for changes in inventory and for inshipments.

⁶ Receipts from marketings and sale of farm slaughter.

⁷ "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

National Agricultural Statistics Service.

Table 389.—Calf crop: Cows and heifers that have calved and calves born, by States, 1985 and 1986

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1 ^a		1985	1986 ¹
	1985	1986 ¹	1985	1986 ¹		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....	920	910			820	860
AK.....	4.2	4.6			3.9	4.0
AZ.....	355	381			325	310
AR.....	993	930			730	860
CA.....	1,985	1,980			1,700	1,710
CO.....	900	855			785	785
CT.....	55	53			51	46
DE.....	12	12			10	13
FL.....	1,325	1,329			1,030	1,100
GA.....	689	870			780	780
HI.....	95	92			71	64
ID.....	700	700			690	660
IL.....	840	870			750	670
IN.....	636	605			535	530
IA.....	1,650	1,550			1,590	1,470
KB.....	1,620	1,570			1,590	1,505
KY.....	1,270	1,210			1,110	1,160
LA.....	765	716			560	565
ME.....	67	64			63	58
MD.....	200	195			175	160
MA.....	56	56			51	47
MI.....	550	550			540	500
MIN.....	1,310	1,336			1,320	1,270
MS.....	837	772			660	660
MO.....	2,225	2,190			2,120	2,120
MT.....	1,540	1,400			1,470	1,375
NE.....	1,910	1,850			1,750	1,700
NV.....	325	320			270	280
NH.....	34	34			33	31
NJ.....	55	52			43	41
NM.....	620	610			535	525
NY.....	1,090	1,055			960	980
NC.....	585	530			460	450
ND.....	1,061	1,060			1,040	1,000
OH.....	740	775			718	700
OK.....	2,100	1,950			1,850	2,000
OR.....	735	700			650	610
PA.....	925	937			840	880
RI.....	4.2	4.0			3.7	3.5
SC.....	319	319			260	270
SD.....	1,788	1,630			1,690	1,640
TN.....	1,260	1,250			1,120	1,140
TX.....	5,900	5,500			4,750	4,950
UT.....	369	380			320	340
VT.....	196	196			195	183
VA.....	805	815			760	835
WA.....	609	630			550	540
WV.....	308	275			230	250
WI.....	2,067	2,076			2,000	2,000
WY.....	630	680			680	640
US.....	46,174	44,810	46,300	45,000	41,045	41,201

¹ Preliminary.² Individual State estimates not available after July 1, 1981.

National Agricultural Statistics Service.

Table 390.—Cattle and calves: Number on feed, by States, by quarters, 1986 and 1987 ¹

State	1986				1987	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AZ.....	344	291	238	271	343	297
CA.....	451	357	370	390	395	315
CO.....	935	800	660	715	820	765
ID.....	206	146	128	150	189	187
IL.....	460	450	390	400	440	430
IA.....	670	640	500	520	680	675
KS.....	1,430	1,375	1,365	1,395	1,395	1,350
MN.....	300	305	255	205	305	320
NE.....	1,900	1,760	1,460	1,600	1,860	1,860
OK.....	320	290	265	265	255	250
SD.....	350	300	245	200	305	280
TX.....	2,190	2,070	1,950	1,920	2,040	1,990
WA.....	198	161	144	166	138	138
13 States.....	9,754	8,945	7,970	8,197	9,235	8,797
AL.....	40				51	
AR.....	12				10	
FL.....	65				30	
GA.....	17				18	
HI.....	13				16	
IN.....	250				225	
KY.....	30				25	
LA.....	9				9	
MD.....	20				12	
MI.....	175				200	
MS.....	11				8	
MO.....	85				96	
MT.....	89				70	
NV.....	28				24	
NJ.....	3				3	
NM.....	167				167	
NY.....	10				17	
NC.....	25				23	
ND.....	42				38	
OH.....	185				200	
OR.....	85				90	
PA.....	85				87	
SC.....	20				20	
TN.....	18				25	
UT.....	33				36	
VA.....	30				60	
WV.....	5				9	
WI.....	108				120	
WY.....	102				70	
Other States.....	2				2	
US.....	11,497				10,953	

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

National Agricultural Statistics Service.

Table 391.—Cattle and calves: Number on feed, United States, Jan. 1, 1972-87 ¹

Year	Number	Year	Number	Year	Number	Year	Number
	Thousands		Thousands		Thousands		Thousands
1972.....	13,912	1976.....	12,941	1980.....	12,221	1984.....	11,594
1973.....	14,432	1977.....	12,580	1981.....	11,598	1985.....	12,456
1974.....	13,643	1978.....	13,472	1982.....	10,618	1986.....	11,497
1975.....	10,170	1979.....	13,274	1983.....	12,051	1987 ²	10,953

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better.

² Preliminary.

National Agricultural Statistics Service.

Table 392.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1972-86

Year	Calf crop ¹	Death loss		Marketings ²		Cattle shipped in for feeding and breeding ³	Farm slaughter
		Cattle	Calves	Cattle	Calves		Cattle and calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1972	47,682	1,780	3,346	51,043	12,164	24,831	503
1973	49,194	2,099	4,388	48,369	11,652	24,133	570
1974	50,873	2,006	4,104	48,383	9,514	18,103	729
1975	50,183	2,396	4,596	54,315	12,239	20,065	750
1976	47,384	1,821	3,969	55,394	12,485	21,238	722
1977	45,931	2,000	4,090	56,378	12,621	23,333	700
1978	43,818	1,940	3,890	54,737	11,938	23,695	550
1979	42,596	1,900	3,700	48,358	10,151	22,322	430
1980	44,938	1,795	3,618	46,026	10,502	20,513	401
1981	44,666	1,700	3,359	46,647	10,383	18,914	398
1982	44,200	1,843	3,586	49,549	10,560	21,289	395
1983	43,925	1,877	3,617	48,089	10,443	19,210	410
1984	42,500	1,873	3,591	50,862	10,253	20,515	388
1985	41,045	1,701	3,345	49,243	10,530	19,864	370
1986 ⁴	41,201	1,738	3,300	49,963	10,498	21,211	351

Year	Quantity produced (live weight) ⁵	Value of production	Cash receipts from sales of cattle, calves, beef and veal ⁶	Value of cattle and calves slaughtered for home consumption	Gross income ⁷	Average price per 100 pounds received by farmers	
						Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1972	41,225,193	14,166,979	18,236,654	342,486	18,579,140	33.50	44.70
1973	44,231,455	18,138,977	22,336,212	477,818	22,814,030	42.80	56.60
1974	42,760,575	14,905,532	17,843,774	505,841	18,349,615	35.60	35.20
1975	40,900,606	12,804,719	17,520,176	458,250	17,978,426	32.20	27.20
1976	41,398,356	13,826,938	19,295,597	501,630	19,795,227	38.70	34.10
1977	40,744,829	13,977,695	20,225,347	482,340	20,707,687	34.40	36.90
1978	39,971,171	19,553,169	28,248,127	565,081	28,813,208	48.50	59.10
1979	38,803,335	26,246,763	35,024,950	693,892	35,718,842	66.10	88.70
1980	40,283,777	25,468,867	31,827,906	623,698	32,451,604	62.40	76.80
1981	41,178,209	23,682,144	29,537,848	600,885	30,138,733	58.60	64.00
1982	40,714,722	22,623,349	29,813,318	576,645	30,389,963	56.70	59.80
1983	40,301,302	22,013,607	28,685,486	554,653	29,240,149	55.50	61.70
1984	40,030,471	22,145,753	30,664,444	504,291	31,218,735	57.30	59.90
1985	40,157,633	21,196,786	29,050,683	485,093	29,535,776	53.70	62.10
1986 ⁴	40,464,719	20,924,859	28,910,057	453,337	29,363,394	52.60	61.10

See footnotes on page 261.

Table 393.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1972-86

Year	Steers ¹			Heifers ¹			Cows ²	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1972	36.67	35.78	33.43	35.60	34.72	32.24	24.96	35.21
1973	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975		44.61	39.45		43.12	37.60	21.63	21.09
1976		39.11	35.87		37.98	34.10	26.96	25.31
1977		40.38	36.70		38.96	35.20	26.11	25.32
1978		52.34	47.98		50.30	46.11	37.80	36.78
1979		67.67	63.05		65.91	61.47	50.06	50.10
1980		67.05	62.16		64.90	61.22	44.91	45.72
1981		63.84	59.83		62.05	59.46	41.59	41.93
1982		64.22	59.47		62.79	59.82	40.35	39.96
1983		62.52	56.99		61.42	58.53	39.40	39.35
1984		65.34	59.14		64.59	61.18	40.75	39.81
1985		58.37	53.29		58.24	55.52	37.91	38.32
1986		57.74	52.04		57.56	54.76	36.96	37.22

See footnotes on page 268.

CATTLE AND CALVES

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Table 394.—Cattle and calves: Receipts at selected public stockyards, 1972-86¹

Year	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2,3}
Cattle										
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972	16	122	437	1,165	360	373	916	748	9,141	13,278
1973	(*)	130	396	1,086	308	337	855	814	8,792	12,718
1974		130	434	1,230	355	347	980	943	8,580	12,999
1975		190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976		123	384	1,089	424	323	1,112	946	9,538	13,999
1977		139	352	1,092	380	296	846	765	9,687	13,567
1978		108	313	829	358	232	754	707	8,271	11,592
1979		63	296	721	268	200	645	693	7,306	10,192
1980		50	207	746	258	196	603	586	7,103	9,729
1981		42	245	742	241	183	573	554	6,537	9,117
1982		(*)	245	612	241	185	549	425	6,707	8,964
1983			230	570	215	193	506	442	6,314	8,470
1984			223	474	198	179	461	373	6,532	8,440
1985			162	395	160	140	420	360	5,648	7,285
1986			164	320	153	140	391	230	5,430	6,829
Calves										
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972	3	96	61	12	15	30	126	27	571	941
1973	(*)	84	48	14	10	22	107		539	824
1974		82	39	32	16	21	105		342	687
1975		90	53	27	19	11	136		414	750
1976		81	32	24	13	8	156		419	733
1977		73	27	(*)	11	5	113		402	631
1978		54	45		9	5	85		126	324
1979		31	(*)		5	5	70		82	190
1980		44			7	5	59		67	182
1981		42			4	5	57		46	154
1982		(*)			3	10	53		67	133
1983					1	13	47		61	122
1984					1	10	42		80	133
1985					1	13	33		53	100
1986					1	13	27		31	72

¹ Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. ² Rounded totals of the complete figures. ³ The number of stockyards varies from 23 to 46. ⁴ Data no longer reported. ⁵ Cattle and calves combined in 1977. ⁶ Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 395.—Cattle and calves: Number slaughtered, United States, 1972-86

Year	Cattle slaughter					Calf slaughter				
	Commercial				Total	Commercial				Total
	Federal-ly inspected	Other	Total ¹	Farm		Federal-ly inspected	Other	Total ¹	Farm	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972	32,267	3,512	35,779	394	36,083	2,421	632	3,053	131	3,184
1973	30,521	3,166	33,687	340	34,026	1,808	441	2,249	127	2,376
1974	33,319	3,493	36,812	515	37,327	2,355	632	2,987	185	3,172
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	542	43,196	4,438	912	5,350	178	5,528
1977	38,717	3,199	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	330	34,008	2,499	325	2,824	100	2,924
1980	31,642	2,164	33,807	309	34,116	2,294	294	2,588	91	2,679
1981	32,819	2,135	34,953	312	35,265	2,478	320	2,798	86	2,884
1982	33,907	1,997	35,903	312	36,155	2,729	292	3,021	82	3,103
1983	34,816	1,833	36,649	325	36,974	2,798	279	3,077	85	3,162
1984	35,880	1,702	37,582	310	37,892	3,030	267	3,297	80	3,377
1985	34,765	1,528	36,293	300	36,593	3,168	217	3,385	70	3,455
1986	35,913	1,375	37,288	280	37,568	3,195	213	3,408	70	3,478

See footnotes on page 268.

Table 396.—Cattle and calves: Production, disposition, and

State	Marketings ¹		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves ²
	Cattle	Calves		
	1,000 head	1,000 head	1,000 head	1,000 head
AL.....	620	222	120	2
AK.....	5	0	5	2.3
AZ.....	760	72	530	3
AR.....	496	185	1	8
CA.....	2,504	360	1,220	26
CO.....	2,937	125	2,150	8
CT.....	36	26	6	1
DE.....	4	2	0	1
FL.....	319	735	57	3
GA.....	413	386	52	8
HI.....	65	2	0	1
ID.....	866	135	239	9
IL.....	1,196	211	619	6
IN.....	589	242	290	6
IA.....	2,913	60	1,400	7
KS.....	4,617	5	3,435	3
KY.....	767	396	130	7
LA.....	297	286	2	8
ME.....	53	26	16	2
MD.....	103	86	9	2
MA.....	29	27	1	1
MI.....	430	104	60	6
MN.....	1,633	170	510	12
MS.....	343	318	20	4
MO.....	1,382	762	40	11
MT.....	1,094	340	120	8
NE.....	5,168	79	3,400	2
NV.....	188	115	15	5
NH.....	18	16	1	1
NJ.....	16	28	4	3
NM.....	1,097	153	760	4
NY.....	254	631	14	9
NC.....	334	202	4	6
ND.....	709	360	60	6
OH.....	607	148	115	5
OK.....	2,795	180	1,250	15
OR.....	532	201	70	30

cash receipts, and gross income, by States, 1986 (preliminary)

State	Quantity produced (live weight) ^a	Value of production	Cash receipts from sales of cattle, calves, beef, and veal ^c	Value of cattle and calves slaughtered for home consumption	Gross income ^b
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
2	758,715	338,964	323,146	6,614	329,760
23	2,155	1,302	255	1,110	1,395
3	552,270	287,311	423,085	2,774	425,859
8	578,550	272,686	239,002	5,641	244,643
26	1,783,050	836,650	1,319,211	18,302	1,337,513
3	1,750,930	1,000,229	1,878,956	5,549	1,884,504
1	26,755	11,547	19,225	1,033	20,258
1	8,375	4,038	1,763	1,291	3,054
3	548,390	266,418	272,920	3,164	276,084
3	455,370	194,273	215,341	3,392	218,733
1	55,960	22,033	24,645	705	25,348
9	775,860	388,887	521,114	10,211	531,325
6	842,110	475,782	757,077	17,996	775,073
6	427,545	209,744	322,248	15,349	337,597
7	2,136,650	1,146,225	1,717,941	12,734	1,730,675
3	2,964,625	1,684,408	2,927,041	12,331	2,939,372
7	752,490	362,174	397,849	11,571	409,420
3	339,260	156,210	170,749	4,430	175,179
2	32,050	13,580	22,879	2,045	24,924
2	99,935	49,613	66,399	3,400	69,799
1	19,260	8,254	12,746	1,226	13,972
6	466,085	208,730	238,955	11,229	250,184
12	1,439,135	708,378	936,728	21,927	958,655
4	368,800	166,196	178,238	7,111	185,349
11	1,369,990	723,234	777,966	20,350	798,325
8	903,965	468,410	537,562	8,720	546,282
2	3,318,210	1,894,654	3,315,491	8,927	3,324,418
5	159,625	96,094	119,670	2,399	122,069
1	20,490	8,880	10,029	969	10,889
3	24,945	11,311	12,537	2,051	14,588
4	616,430	306,235	515,374	5,083	520,457
9	313,500	126,121	149,340	6,388	155,728
6	319,350	142,254	168,913	12,354	181,267
6	752,450	400,368	459,389	8,713	468,102
5	611,370	309,101	344,628	16,508	361,136
15	2,256,150	1,148,143	1,434,353	22,053	1,456,406
50	540,680	253,925	324,044	16,519	340,563

PA.....	530	265	120	15
RI.....	1.1	2	3	2
SC.....	205	55	15	4
SD.....	1,275	450	314	2
TN.....	970	414	286	20
TX.....	7,430	330	3,100	3
UT.....	254	113	70	3
VT.....	64	123	14	8
VA.....	578	140	11	27
WA.....	635	117	167	11
WV.....	41	122	9	17
WI.....	1,003	717	42	2
WY.....	802	161	360	
US.....	49,963	10,498	21,211	351

¹ Includes custom slaughter for use on farms where produced and State outshipments.

² Excludes custom slaughter for farmers at commercial establishments.

³ Adjustments made for changes in inventory and for inshipments.

⁴ Includes receipts from marketings and sales of farm-slaughtered meat.

⁵ Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle

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15	594,350	281,503	307,418	15,407	222,825
2	1,444	646	473	286	759
2	219,660	92,021	93,369	6,018	99,387
4	1,486,660	804,266	878,712	8,521	887,233
2	764,235	337,211	435,028	9,026	444,054
20	5,553,980	2,978,469	4,081,488	29,090	4,110,578
3	283,430	153,774	177,954	5,570	183,524
3	58,960	25,033	35,890	2,562	38,442
8	687,170	324,239	297,191	9,066	206,277
37	553,260	294,337	392,552	24,437	416,989
11	113,130	56,334	35,457	8,601	44,058
17	1,278,600	626,638	635,699	21,985	657,684
2	458,360	246,017	382,007	2,672	384,679
351	40,464,719	20,924,859	28,910,057	453,337	29,362,394

ipments, but excludes interfarm sales within the State.

of cattle and calves slaughtered for home consumption.

CATTLE AND CALVES

Table 397.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1972-86

Year	Cattle		Calves	
	Number slaughtered	Average live weight	Number slaughtered	Average live weight
	Thousands	Pounds	Thousands	Pounds
1972.....	32,267	1,048	2,421	210
1973.....	30,521	1,054	1,808	207
1974.....	33,319	1,052	2,355	211
1975.....	36,904	1,009	3,894	227
1976.....	38,922	1,030	4,438	223
1977.....	38,717	1,033	4,696	207
1978.....	36,948	1,043	3,620	206
1979.....	31,504	1,068	2,499	210
1980.....	31,642	1,080	2,294	214
1981.....	32,819	1,083	2,478	218
1982.....	33,907	1,071	2,729	208
1983.....	34,816	1,077	2,798	213
1984.....	35,880	1,072	3,030	225
1985.....	34,765	1,103	3,168	224
1986.....	35,919	1,105	3,195	229

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Table 398.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1972-86

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	Thousands	Thousands	Thousands	Thousands	Thousands	Percent	Percent	Percent	Percent	Percent
1972.....	17,749	5,402	8,585	13,937	583	55.0	16.7	26.5	43.2	1.8
1973.....	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974.....	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975.....	16,071	10,420	9,419	19,839	904	43.6	28.2	23.5	53.7	2.7
1976.....	17,266	9,703	11,116	20,819	907	44.2	24.9	26.6	53.5	2.3
1977.....	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978.....	17,508	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979.....	16,256	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980.....	16,059	5,925	8,980	14,905	679	50.7	18.7	28.4	47.1	2.2
1981.....	16,437	6,238	9,416	15,654	728	50.1	19.0	28.7	47.7	2.2
1982.....	16,344	6,955	9,833	16,788	774	48.2	20.5	29.0	49.5	2.3
1983.....	16,613	7,215	10,221	17,436	768	47.7	20.7	29.4	50.1	2.2
1984.....	16,688	8,229	10,211	18,440	752	46.5	22.9	28.5	51.4	2.1
1985.....	16,201	7,076	10,763	17,839	725	46.5	20.4	31.0	51.4	2.1
1986.....	16,871	7,665	10,688	18,353	689	47.0	21.3	29.8	51.1	1.9

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FOOTNOTES FOR TABLE 393

¹ 900 to 1,100 pound weight range; simple average of price range.² All weights; simple average of price range.

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FOOTNOTES FOR TABLE 395

¹ Totals are based on unrounded numbers.

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Table 399.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1986¹

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds	Thousands	1,000 pounds	Pounds
AL.....	306.5	320,781	1,047	1.3	518	389
AZ.....	411.7	430,241	1,045	(3)	(3)	(3)
AR.....	71.0	63,438	893	1.4	529	382
CA.....	1,530.7	1,709,517	1,124	325.2	56,190	173
CO.....	1,919.5	2,130,000	1,110	.4	112	237
DE and MD.....	55.8	63,069	1,130	31.8	11,509	365
FL.....	224.7	221,859	987	147.7	34,321	232
GA.....	272.9	246,165	902	4.5	1,512	333
HI.....	62.0	59,949	966	(3)	(3)	(3)
ID.....	794.6	913,372	1,149	2.5	807	329
IL.....	1,394.0	1,526,473	1,095	199.0	46,377	233
IN.....	190.1	196,018	1,031	242.7	87,260	360
IA.....	1,969.0	2,211,309	1,123	.2	53	302
KS.....	6,493.8	7,237,595	1,118	.3	79	297
KY.....	148.0	134,904	912	1.1	322	293
LA.....	41.4	38,545	884	162.3	75,133	463
MI.....	423.3	523,022	1,236	100.2	31,553	315
MN.....	1,013.2	1,170,001	1,155	3.7	797	218
MS.....	268.3	249,990	932	28.7	8,553	298
MO.....	470.9	482,470	1,025	8.6	2,314	269
MT.....	28.1	28,533	1,014	.3	70	251
NE.....	5,700.2	6,356,172	1,115	.2	61	252
NV.....	4.7	5,301	1,112	(3)	(3)	(3)
N ENG ²	99.9	105,299	1,054	180.1	23,333	130
NJ.....	97.4	122,424	1,256	136.5	49,297	361
NM.....	156.7	160,672	1,025	.5	127	236
NY.....	218.9	237,805	1,178	523.9	70,875	135
NC.....	163.4	151,843	929	3.6	1,046	291
ND.....	146.7	159,812	1,089	.4	151	344
OH.....	524.1	583,896	1,114	112.2	44,727	399
OK.....	618.0	653,795	1,058	3.4	1,562	465
OR.....	94.6	109,551	1,158	12.6	4,968	387
PA.....	1,125.5	1,315,940	1,169	287.2	48,700	170
SC.....	122.4	126,887	1,037	27.3	10,334	401
SD.....	756.9	861,705	1,138	.2	45	239
TN.....	276.4	260,540	975	(3)	(3)	(3)
TX.....	6,207.1	6,488,768	1,045	247.3	113,355	458
UT.....	392.4	445,826	1,136	1.0	352	354
VA.....	112.5	114,681	1,019	3.8	1,165	305
WA.....	928.2	1,061,971	1,144	118.0	19,110	162
WV.....	29.2	28,453	975	.5	151	309
WI.....	1,428.3	1,670,376	1,170	392.2	94,286	240
WY.....	5.6	5,749	1,035	.1	29	359
US ³	37,288.3	41,931,617	1,100	3,408.0	856,671	251

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding.

² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

³ Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

National Agricultural Statistics Service.

Table 400.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1972-86¹

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-800 lb.	Good 600-700 lb.	Choice 550-600 lb.	Good 550-600 lb.	Utility Breaking	Canner and Cutter
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1972.....	55.34	52.90	54.56	51.94	45.97	51.41
1973.....	67.41	64.58	66.44	63.17	58.98	65.78
1974.....	67.09	62.56	66.51	61.93	46.73	53.48
1975.....	73.64	67.88	71.62	65.87	43.20	43.09
1976.....	60.96	58.24	59.75	56.81	49.36	52.00
1977 ²	62.66	58.21	60.94	56.20	45.51	51.55
1978.....	80.80	76.06	78.58	73.00	65.37	74.61
1979.....	101.72	97.32	100.00	95.49	85.64	100.43
1980.....	104.29	100.66	101.86	97.96	79.86	92.45
1981.....	99.85	96.85	97.48	94.55	75.47	84.06
1982.....	101.68	97.82	98.54	94.31	72.64	78.96
1983.....	97.87	93.50	94.45	91.03	70.48	78.48
1984.....	100.17	95.79	96.02	93.42	68.03	74.70
1985.....	90.68	87.50	88.48	84.67	64.86	74.13
1986.....	89.00	84.34	87.72	82.02	61.83	71.31

¹ Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.² Midwest prices; Chicago now included in Midwest Report.

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Table 401.—Hogs and pigs: Number and value, United States, Dec. 1, 1972-86

Year	Number	Value		Year	Number	Value	
		per head	Total			per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1972.....	59,017	42.06	2,477,260	1980.....	64,462	74.70	4,815,218
1973.....	60,614	60.40	3,663,188	1981.....	58,698	70.10	4,114,350
1974.....	54,693	44.90	2,457,052	1982.....	54,534	89.90	4,903,494
1975.....	49,267	80.40	3,959,360	1983.....	56,694	58.80	3,330,808
1976.....	54,934	47.00	2,582,568	1984.....	54,073	75.00	4,055,724
1977.....	56,539	63.20	3,575,279	1985.....	52,313	69.60	3,640,368
1978.....	60,356	83.20	5,023,454	1986 ¹	50,960	91.60	4,669,496
1979.....	67,318	56.06	3,772,812				

¹ Preliminary.

National Agricultural Statistics Service.

Table 402.—Hogs and pigs: Number and value, by States, Dec. 1, 1984-86

State	Number			Value					
	1984	1985	1986 ¹	Value per head			Total value		
				1984	1985	1986 ¹	1984	1985	1986 ¹
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	360	345	380	64.50	56.00	92.00	23,220	19,339	34,960
AK	2.40	2.30	1.0	116.50	124.50	127.00	280	286	127
AZ	170	175	155	92.00	79.50	112.00	15,640	13,913	17,360
AR	430	436	460	67.00	74.50	80.50	28,810	32,482	37,030
CA	140	145	150	84.00	91.50	102.50	11,760	13,268	15,375
CO	210	225	190	83.00	79.00	92.00	17,430	17,775	17,480
CN	8.0	7.0	7.0	81.00	71.00	74.50	648	532	522
DE	35	50	80	70.00	68.00	96.00	2,520	3,400	5,700
FL	160	158	140	62.00	68.00	85.50	9,920	10,744	11,970
GA	1,200	1,150	1,100	66.00	63.00	84.50	79,200	72,450	92,950
HI	47	55	50	124.00	122.50	125.00	5,828	6,738	6,250
ID	112	125	80	76.50	82.00	90.50	8,568	10,250	7,240
IL	5,400	5,400	5,000	77.00	68.00	95.50	415,800	367,200	477,500
IN	4,300	4,150	4,150	78.00	76.00	95.50	335,400	315,400	396,325
IA	14,200	13,500	12,600	75.50	70.00	92.00	1,072,100	945,000	1,159,200
KS	1,800	1,520	1,450	69.00	65.50	85.50	110,400	99,500	123,975
KY	880	890	880	65.50	68.00	96.50	57,440	54,400	76,120
LA	70	60	53	79.50	72.00	90.00	5,565	4,380	4,770
ME	8.8	7.9	8	86.00	87.50	100.00	737	691	800
MD	215	205	190	75.00	67.50	94.00	16,125	13,858	17,860
MA	40	34	32	78.50	89.00	90.00	3,140	3,036	2,880
MI	1,310	1,190	1,250	82.50	69.00	93.00	108,075	82,110	116,250
MN	4,300	4,100	4,280	72.50	68.00	99.00	311,750	278,800	396,180
MS	285	230	210	74.50	67.50	90.00	21,233	15,525	18,900
MO	3,450	3,050	2,900	74.00	65.00	87.50	255,300	198,250	253,750
MT	155	135	190	67.00	69.50	82.50	10,385	9,383	15,675
NE	3,700	3,900	3,900	80.50	74.00	94.50	297,550	288,600	368,550
NV	13	15	14	90.00	86.50	88.00	1,170	1,298	1,232
NH	9.0	8.6	8.8	88.00	86.00	88.00	792	740	774
NJ	50	45	40	82.00	92.00	89.00	4,100	4,140	3,560
NM	35	38	36	89.50	75.50	89.50	3,133	2,869	3,222
NY	139	130	128	74.50	86.00	100.00	10,256	11,180	12,800
NC	2,300	2,350	2,360	68.50	64.50	84.00	157,550	151,575	198,240
ND	255	285	275	75.50	68.50	86.50	19,253	19,523	24,338
OH	1,970	1,980	1,950	72.00	69.50	95.50	141,840	137,610	186,225
OK	220	200	220	65.00	66.50	80.00	14,300	13,300	17,600
OR	110	125	115	79.50	78.50	90.00	8,745	9,813	10,695
PA	800	780	890	79.00	77.00	99.00	63,200	60,060	88,110
RI	5.7	5.0	4.8	70.00	76.50	78.00	399	383	374
SC	450	400	430	76.00	60.00	89.50	34,200	24,000	34,615
SD	1,600	1,610	1,530	77.00	66.00	89.00	122,200	106,260	135,280
TN	1,100	950	770	71.00	69.00	91.00	78,100	65,550	70,070
TX	415	435	510	78.00	70.50	86.50	32,370	30,668	44,115
UT	28	23	25	75.50	79.00	95.00	2,114	1,817	2,075
VT	6.8	6.4	5.8	74.50	78.00	95.00	507	499	551
VA	370	400	380	75.00	73.00	86.00	27,750	29,200	30,960
WA	45	51	50	75.50	77.00	111.00	3,398	3,927	5,550
WV	37	37	37	70.00	73.00	89.00	2,590	2,701	3,293
WI	1,800	1,250	1,330	76.50	67.00	88.00	99,450	83,750	117,040
WY	25	34	35	74.50	66.00	88.00	1,863	2,244	3,080
US	54,073	52,313	50,960	75.00	69.60	91.60	4,055,724	3,640,368	4,969,498

¹ Preliminary.

National Agricultural Statistics Service.

Table 403.—Sows farrowing and pig crop: Number, United States, 1972-86

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	6,498	5,973	47,323	43,051	90,574	1980.....	7,229	6,855	52,288	49,432	101,720
1973.....	6,638	5,869	46,125	41,998	88,123	1981.....	6,440	6,268	47,605	46,248	93,853
1974.....	6,315	5,476	44,792	38,952	83,744	1982.....	5,664	5,884	41,575	43,614	85,189
1975.....	4,973	4,952	35,530	35,656	71,186	1983.....	6,301	6,176	47,409	45,746	93,155
1976.....	5,777	5,850	42,177	42,218	84,395	1984.....	5,694	5,857	42,403	44,183	86,586
1977.....	6,050	6,009	42,960	43,202	86,162	1985 ¹	5,571	5,668	42,545	43,484	86,029
1978.....	6,034	6,398	42,481	46,031	88,512		5,236	5,420	40,313	41,970	82,283
1979.....	7,176	7,322	50,551	52,241	102,792						

¹ Preliminary.

National Agricultural Statistics Service.

Table 404.—Hogs and pigs: Number for breeding and market, United States, 1972-86

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups						Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
June 1									
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1972.....	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479	
1973.....	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583	
1974.....	58,878	8,823	23,654	12,059	7,737	4,920	1,685	60,055	
1975.....	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1976.....	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977.....	54,460	8,688	21,558	10,892	7,679	4,592	1,051	45,772	
1978.....	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383	
1979.....	65,020	10,368	25,223	13,186	9,197	7,046		54,652	
1980.....	65,255	9,481	25,002	13,550	9,781	7,441		55,774	
1981.....	59,740	8,358	23,046	12,231	9,047	7,058		51,382	
1982.....	52,260	7,414	19,074	10,999	8,267	6,506		44,846	
1983.....	57,945	8,113	22,029	12,031	8,879	6,893		49,832	
1984.....	52,815	7,401	19,377	11,387	8,111	6,539		45,414	
1985.....	52,250	6,997	18,968	11,200	8,245	6,840		45,253	
1986 ^a	48,645	6,390	17,575	10,525	7,970	6,185		42,255	
Dec. 1									
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1972.....	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367	
1973.....	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009	
1974.....	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304	
1975.....	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976.....	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977.....	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936	
1978 ¹	60,356	9,605	21,244	13,086	9,443	6,979		50,751	
1979.....	67,318	9,645	22,834	15,429	11,281	8,130		57,674	
1980.....	64,462	9,118	22,131	13,977	10,996	8,240		55,344	
1981.....	58,696	7,844	19,490	12,926	10,439	7,999		50,854	
1982.....	54,534	7,475	18,590	11,942	9,375	6,912		47,059	
1983.....	56,694	7,391	19,028	12,626	9,985	7,864		49,303	
1984.....	54,073	6,933	18,071	12,813	9,610	7,446		47,140	
1985.....	52,313	6,788	17,391	11,790	9,339	7,210		45,530	
1986 ²	50,960	6,612	16,956	11,153	9,971	7,168		44,349	

¹ The 180-219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1978.² Preliminary.

National Agricultural Statistics Service.

Table 405.—Hogs: Number in specified countries, 1985-87 ¹

Continent and country	1985	1986	1987 ²	Continent and country	1985	1986	1987 ²
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
North America:				Europe—Con.			
Canada.....	11,032	10,664	10,826	Bulgaria.....	3,734	3,912	3,960
Mexico.....	12,320	13,115	12,357	Czechoslovakia.....	6,743	6,651	6,829
United States ³	54,073	52,314	51,160	German Dem. Rep.....	13,191	12,946	12,840
Total.....	77,425	76,093	74,343	Hungary.....	9,227	8,290	8,657
				Poland.....	17,397	19,170	19,819
South America:				Romania.....	14,777	14,319	14,500
Brazil.....	30,000	30,500	31,700	Yugoslavia.....	8,673	7,821	8,459
Colombia.....	2,378	2,389	2,434	Total Eastern			
Venezuela.....	3,699	2,794	3,091	Europe.....	73,562	73,009	74,894
Total.....	35,077	35,693	37,225	Total Europe.....	178,028	183,502	188,316
Europe:				Soviet Union.....	77,914	77,772	79,400
Belgium-Luxembourg.....	5,339	5,454	5,901				
Denmark.....	8,960	9,104	9,422	Asia:			
France.....	10,975	10,956	12,002	China.....	306,790	331,396	336,933
Germany, Fed. Rep. of.....	23,617	24,282	24,503	Japan.....	10,718	11,061	11,354
Greece.....	1,115	1,190	1,200	Korea, Rep. of.....	2,956	2,852	3,247
Ireland.....	1,020	994	1,000	Philippines.....	7,304	7,275	7,053
Italy.....	9,041	9,138	9,278	Taiwan.....	6,569	6,674	7,057
Netherlands.....	11,800	12,308	14,063	Total.....	334,339	359,258	365,744
United Kingdom.....	7,793	7,930	7,955				
Total EC.....	79,600	81,986	86,324	Oceania:			
				Australia.....	2,512	2,553	2,640
Austria.....	4,025	3,921	3,800	Total.....	2,512	2,553	2,640
Finland.....	1,256	1,211	1,309				
Portugal.....	3,127	3,092	2,920	Total selected			
Spain.....	11,800	1,578	15,782	countries.....	705,295	734,861	747,668
Sweden.....	2,609	2,439	2,370				
Switzerland.....	1,988	1,972	1,917				
Total Western							
Europe.....	104,466	110,403	113,422				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

³ 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 406.—Sows farrowing and pig crop: Number, by States, 1985 and 1986

State	Sows farrowing				Pig crop					
	1985		1986		1985			1986		
	Dec.-May	June-Nov.	Dec.-May	June-Nov. ¹	Dec.-May	June-Nov.	Total	Dec.-May	June-Nov. ¹	Total ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....	37	37	34	42	281	263	544	248	315	563
AK.....	25	20	23	14	2.0	1.7	3.7	1.8	.80	2.6
AZ.....	19	19	16	17	141	146	287	125	138	263
AR.....	52	53	56	49	463	477	940	450	436	886
CA.....	16	14	18	17	117	108	225	133	131	264
CO.....	19	25	24	19	143	190	333	185	146	331
CT.....	.50	.70	.50	.60	4.0	5.0	9.0	3.7	5.0	8.7
DE.....	6.0	6.0	8.9	9.6	51	47	98	71	66	137
FL.....	18	18	20	19	122	124	246	142	135	277
GA.....	130	129	108	112	950	942	1,892	813	844	1,657
HI.....	5.2	5.8	4.8	5.2	35	41	76	32	36	68
ID.....	11	12	10	7.0	92	97	189	83	48	131
IL.....	630	635	530	575	4,628	4,730	9,358	3,922	4,341	8,263
IN.....	430	430	430	430	3,272	3,309	6,581	3,311	3,308	6,619
IA.....	1,430	1,430	1,280	1,340	10,990	10,899	21,889	9,935	10,449	20,384
KS.....	170	159	156	147	1,275	1,212	2,487	1,202	1,125	2,327
KY.....	91	92	95	105	673	681	1,354	713	798	1,511
LA.....	5.0	7.0	6.0	7.0	31	44	75	40	40	80
ME.....	1.0	1.3	1.0	1.4	6.0	8.1	14.1	6.7	8.4	15.1
MD.....	25	27	21	23	205	200	405	151	163	314
MA.....	3.2	3.0	3.0	2.5	20	20	40	19	19	38
MI.....	90	124	105	130	702	992	1,694	851	1,027	1,878
MN.....	435	450	415	430	3,439	3,578	7,017	3,302	3,462	6,764
MS.....	28	26	28	23	213	200	413	188	159	347
MO.....	360	375	320	320	2,708	2,801	5,509	2,445	2,447	4,892
MT.....	14	16	20	21	126	118	244	156	168	324
NE.....	360	390	370	395	2,812	3,047	5,859	2,906	3,121	6,027
NV.....	1.3	1.4	1.3	1.4	10	12	22	10	11	21
NH.....	1.0	.60	.70	.80	5.5	3.8	9.3	5.4	5.4	10.8
NJ.....	2.3	2.4	2.4	2.6	14	15	29	18	20	38
NM.....	4.2	4.2	4.5	4.2	31	32	63	33	33	66
NY.....	10	12	9.0	13	81	96	177	63	95	158
NC.....	240	245	235	240	1,885	1,965	3,850	1,874	1,968	3,842
ND.....	30	29	33	30	234	223	457	261	231	492
OH.....	190	213	180	195	1,493	1,693	3,186	1,422	1,517	2,939
OK.....	20	19	23	22	138	137	275	145	158	303
OR.....	14	16	14	15	109	122	231	102	120	222
PA.....	68	66	72	78	530	541	1,071	540	624	1,164
RI.....	.40	.40	.40	.40	2.3	3.0	5.3	2.6	2.6	5.2
SC.....	42	44	40	46	273	299	572	268	322	590
SD.....	180	177	175	173	1,350	1,345	2,695	1,330	1,298	2,628
TN.....	95	94	95	92	713	714	1,427	722	672	1,394
TX.....	49	51	45	53	333	367	700	320	396	716
UT.....	2.3	1.7	2.3	1.9	15	13	28	18	14	32
VT.....	.90	.80	.80	.80	5.6	6.1	11.7	5.9	5.6	11.5
VA.....	56	46	57	40	420	335	756	428	304	732
WA.....	5.0	5.0	4.0	5.0	35	40	75	31	39	70
WV.....	2.5	1.6	2.4	2.7	19	11	30	16	19	35
WI.....	165	149	160	150	1,220	1,177	2,497	1,232	1,140	2,372
WY.....	3.5	4.0	4.6	5.0	25	32	57	31	37	68
US.....	5,571	5,668	5,236	5,420	42,545	43,484	86,029	40,313	41,970	82,283

¹ Preliminary.

National Agricultural Statistics Service.

Table 407.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1972-86

Year	Marketings ¹	Shipped in for feeding and breeding	Farm slaughter ²	Quantity produced (live weight) ³	Value of production ⁴	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaughtered for home consumption	Gross income ⁶	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1972 ⁷	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954	25.10
1973	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	307,729	7,736,731	38.40
1974	85,504	3,979	1,321	19,976,384	6,338,022	6,946,761	219,400	7,166,161	34.20
1975	73,627	3,905	1,193	16,835,178	7,755,699	7,916,425	267,159	8,183,583	46.10
1976	75,747	4,191	1,181	18,160,337	7,856,375	7,487,676	268,802	7,756,478	43.30
1977	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411	39.40
1978	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,038,467	46.60
1979	92,499	5,003	1,070	22,617,129	9,423,783	9,039,678	255,136	9,294,814	41.80
1980	100,651	4,668	1,100	23,401,728	8,863,535	8,942,539	214,930	9,157,469	38.00
1981	95,986	4,147	895	21,812,966	9,532,037	9,794,285	206,215	10,000,500	43.90
1982	86,972	3,827	655	19,657,921	10,297,021	10,658,841	178,109	10,836,950	52.30
1983	89,129	3,527	517	21,195,347	9,899,218	9,785,227	123,896	9,909,125	46.80
1984	87,344	3,527	473	20,195,699	9,498,230	9,703,385	115,067	9,818,472	47.10
1985	86,694	3,676	446	20,164,269	8,871,310	9,029,467	98,823	9,128,290	44.00
1986 ⁸	82,608	3,463	358	19,362,696	9,531,589	9,701,947	89,401	9,791,348	49.30

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Excludes custom slaughtered for farmers at commercial establishments. ³ Adjustments made for changes in inventory and for inshipments. ⁴ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. ⁵ Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. ⁶ Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. ⁷ Data for 12-month period—December of previous year through November of current year. ⁸ Preliminary.

National Agricultural Statistics Service.

Table 408.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1972-86¹

Year	Receipts at selected public stockyards										Direct receipts in interior Iowa and Southern Minnesota ⁴
	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2,3}	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972	355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973	(*)	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852
1974		80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975		84	559	1,162	1,226	1,429	2,140	1,880	6,630	15,101	16,225
1976		77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,180
1977		94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978		72	445	1,039	1,479	949	1,603	1,543	5,622	12,758	20,194
1979		54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,252	22,980
1980		72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686
1981		54	325	967	1,382	835	1,479	1,616	5,686	12,334	24,386
1982		(*)	246	821	1,141	740	1,125	1,406	4,671	10,150	21,499
1983			239	831	1,222	759	1,013	1,332	4,538	9,934	23,425
1984			203	837	1,065	669	960	1,230	4,175	9,139	23,116
1985			180	764	956	620	850	1,119	3,532	8,821	24,068
1986			160	667	967	560	738	940	3,330	7,951	21,983

¹ Total rail and truck receipts. Saleable receipts 1978 on.

² Rounded total of complete figures.

³ The number of stockyards reporting varies from 41 to 68.

⁴ Covers receipts at 14 packing plants and 30 concentration yards.

⁵ Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 409.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1986 (preliminary)

State	Market- ings ¹	Shipped in for feeding and breeding	Farm slaugh- ter ²	Quantity produced (live weight) ³	Value of produc- tion ⁴	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaugh- tered for home consump- tion	Gross income ⁶
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	508	8	12	113,270	56,254	49,598	2,506	52,104
AK.....	2.7	0	.8	442	224	302	8	310
AZ.....	274	3	1	59,942	32,728	33,129	298	33,427
AR.....	845	16	3	200,317	92,192	91,671	687	92,358
CA.....	262	33	14	60,439	31,485	29,575	2,521	32,096
CO.....	348	5	1	73,549	37,756	39,490	354	39,844
CT.....	7.9	0	0.4	1,889	869	692	188	880
DE.....	126.9	7	0.1	28,140	13,643	13,295	26	13,321
FL.....	276	3	3	49,981	22,983	23,376	546	23,922
GA.....	1,696	89	10	378,835	189,656	195,380	2,255	197,635
HI.....	65	0	3	11,762	8,951	8,770	534	9,304
ID.....	167	5	3	29,540	14,187	16,412	1,732	18,144
IL.....	8,324	181	10	2,017,163	961,234	1,007,376	3,050	1,011,026
IN.....	6,637	291	6	1,553,500	764,904	778,932	1,553	780,785
IA.....	21,348	1,100	14	5,122,176	2,514,047	2,629,202	5,177	2,634,379
KS.....	2,467	165	5	608,152	287,942	295,443	2,988	298,431
KY.....	1,894	61	18	315,776	161,644	154,945	6,063	161,008
LA.....	78	2	4	17,533	7,627	7,987	748	8,115
ME.....	11.7	0	2.3	4,167	1,917	1,343	529	1,872
MD.....	335	21	3	66,190	32,929	34,498	501	34,999
MA.....	37	0	1	9,000	4,140	4,009	207	4,216
MI.....	1,755	32	10	417,195	202,132	195,293	2,318	197,611
MN.....	6,508	255	16	1,475,217	732,774	750,234	5,375	755,809
MS.....	330	5	12	76,941	38,540	37,870	2,424	40,294
MO.....	4,850	8	10	1,098,777	550,432	552,520	3,542	556,062
MT.....	257	7	3	65,069	27,296	24,503	534	25,037
NE.....	6,123	350	4	1,331,068	688,073	705,229	2,790	708,019
NV.....	20.6	0	0.2	4,288	1,824	1,774	60	1,814
NH.....	8.6	0	1	2,562	1,178	947	215	1,162
NJ.....	69	33	3	9,009	3,684	5,415	771	6,186
NM.....	63.5	1	1.5	12,563	6,524	6,693	249	6,942
NY.....	142	2	6	32,744	15,511	14,508	1,303	15,811
NC.....	3,789	187	30	876,023	432,486	437,870	5,974	443,846
ND.....	494	15	4	98,372	47,436	47,504	830	48,434
OH.....	2,988.4	211.4	7	707,313	344,348	354,126	1,560	355,686
OK.....	282	32	3	82,045	40,934	39,249	1,096	40,345
OR.....	218	0	5	51,092	25,954	25,932	838	26,770
PA.....	929	0	25	238,500	120,048	108,050	4,433	112,483
RI.....	4.6	0	0.4	1,390	639	572	37	629
SC.....	502	0	10	120,793	60,034	56,956	2,102	59,058
SD.....	2,644	41	5	630,725	311,727	317,483	2,058	319,541
TN.....	1,625	191	50	340,418	158,904	169,417	8,436	177,853
TX.....	648	32	7	176,660	83,053	81,028	1,857	82,885
UT.....	28	2	1.1	6,907	3,223	2,992	238	3,230
VT.....	9.3	0	2	3,532	1,626	1,207	359	1,566
VA.....	740	36	10	167,875	81,530	83,416	2,166	85,582
WA.....	61	0	4	15,058	7,227	5,407	1,896	7,293
WV.....	35	8	4	12,815	6,146	5,354	889	6,242
WI.....	2,218	24	8	517,618	253,805	248,001	1,816	249,817
WY.....	61	1	1	14,524	7,189	6,892	273	7,165
US.....	82,608	3,463	358	19,362,696	9,331,589	9,701,947	89,401	9,791,348

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

² Excludes custom slaughter for farmers at commercial establishments.

³ Adjustments made for changes in inventory and for shipments.

⁴ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

⁵ Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs.

⁶ Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

National Agricultural Statistics Service.

Table 410.—Hogs: Number slaughtered, United States, 1972-86

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total ¹				Federally inspected	Other	Total ¹		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	78,759	5,948	84,707	1,158	85,865	1980.....	91,882	4,192	96,074	1,100	97,174
1973.....	72,264	4,531	76,795	1,895	77,890	1981.....	87,851	3,724	91,575	895	92,470
1974.....	77,071	4,691	81,762	1,321	83,083	1982.....	79,328	2,861	82,190	655	82,845
1975.....	64,926	3,761	68,687	1,193	69,880	1983.....	84,762	2,823	87,584	517	88,101
1976.....	70,454	3,330	73,784	1,181	74,965	1984.....	82,478	2,690	85,168	473	85,641
1977.....	74,019	3,285	77,303	1,144	78,447	1985.....	81,974	2,519	84,492	446	84,938
1978.....	74,139	3,176	77,315	1,086	78,401	1986.....	77,290	2,309	79,599	358	79,956
1979.....	85,425	3,674	89,099	1,070	90,169						

¹ Totals are based on unrounded numbers.

National Agricultural Statistics Service.

Table 411.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1986¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
AL.....	266.8	79,829	382	NV.....	2.7	556	305
AZ.....	69.3	15,384	222	N ENG ²	87.1	15,587	232
AR.....	276.7	94,284	342	NJ.....	160.4	28,594	178
CA.....	1,733.8	386,776	223	NM.....	5.7	1,210	213
CO.....	162.0	37,048	229	NY.....	89.9	21,261	236
DE and MD.....	66.2	15,002	227	NC.....	2,549.0	600,317	236
FL.....	88.2	13,283	151	ND.....	81.0	17,626	218
GA.....	1,850.3	430,721	233	OH.....	3,658.0	861,369	241
HI.....	44.7	8,722	195	OK.....	129.9	44,193	340
ID.....	102.8	24,487	238	OR.....	205.9	48,650	236
IL.....	5,772.8	1,462,778	253	PA.....	1,526.7	355,318	233
IN.....	3,427.3	830,636	242	SC.....	506.1	117,245	231
IA.....	18,711.2	4,685,344	250	SD.....	3,424.2	896,872	262
KS.....	1,417.3	361,226	255	TN.....	2,270.2	618,812	273
KY.....	2,262.9	575,820	254	TX.....	992.9	267,459	269
LA.....	58.1	13,912	239	UT.....	221.6	53,092	240
MI.....	4,624.7	1,095,979	237	VA.....	4,499.7	1,059,835	236
MN.....	5,862.1	1,392,253	238	WA.....	29.5	7,088	240
MS.....	1,683.7	395,830	235	WV.....	24.4	9,827	403
MO.....	3,632.3	914,453	252	WI.....	2,062.3	513,140	249
MT.....	28.5	6,584	231	WY.....	4.6	1,136	245
NE.....	4,999.8	1,165,125	233	US.....	79,598.2	19,564,663	246

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

National Agricultural Statistics Service.

Table 412.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1972-86 ¹

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight ²	Avg. live weight	Number head	Avg. dressed weight ²	Avg. live weight
	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Pounds	Thousands	Pounds	Pounds
1972.....	73,419		4,646		695		78,759	160	240	84,707	159	239
1973.....	67,321		4,301		742		72,264	164	242	76,795	164	241
1974.....	71,048		5,319		704		77,071	167	245	81,762	166	244
1975.....	60,709		3,603		614		64,926	166	240	68,687	165	240
1976.....	66,512		3,399		548		70,454	167	238	73,784	166	238
1977.....	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978.....	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979.....	79,744	164	4,793	285	888	234	85,425	172	242	89,099	172	242
1980.....	85,653	164	5,181	292	1,068	213	91,882	172	242	96,074	172	242
1981.....	82,206	165	4,609	292	1,036	200	87,851	173	243	91,575	173	243
1982.....	74,411	166	3,959	292	958	202	79,328	173	243	82,190	173	243
1983.....	79,322	166	4,496	293	944	205	84,762	173	243	87,584	173	243
1984.....	77,295	167	4,254	290	929	216	82,478	174	244	85,166	173	243
1985.....	77,232	169	3,894	300	847	212	81,973	175	245	84,492	175	245
1986.....	72,905	170	3,633	303	752	217	77,290	177	246	79,598	177	246

¹ All weights calculated using unrounded totals. Totals may not add due to rounding.² 1972-76 shipper style, beginning 1977 packer style.

National Agricultural Statistics Service.

Table 413.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1972-86

Year	Hog-corn price ratio ¹		Price of corn per bushel ²		Year	Hog-corn price ratio ¹		Price of corn per bushel ²	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			Dollars	Dollars				Dollars	Dollars
1972.....	22.1	22.5	1.17	1.15	1980.....	14.4	14.6	2.70	2.68
1973.....	21.7	22.2	1.89	1.87	1981.....	14.9	15.0	2.92	2.90
1974.....	12.2	12.2	2.92	2.91	1982.....	22.4	22.5	2.37	2.36
1975.....	17.1	17.2	2.70	2.68	1983.....	16.6	16.7	2.99	2.97
1976.....	17.5	17.6	2.49	2.48	1984.....	15.4	15.4	3.05	3.06
1977.....	19.8	20.0	2.03	2.02	1985.....	17.6	17.8	2.49	2.47
1978.....	22.4	22.7	2.10	2.08	1986.....	26.1	(*)	1.96	(*)
1979.....	18.3	18.5	2.36	2.33					

¹ Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios, December through November.² Average of entire month prices.³ Series discontinued.

National Agricultural Statistics Service.

Table 414.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1972-86

Year	Omaha					Seven markets ¹				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	Pounds	Dollars	Pounds	Dollars	Percent	Pounds	Dollars	Pounds	Dollars	Percent
1972.....	237	26.96	461	23.11	18	237	26.67	447	23.26	10
1973.....	229	39.83	458	35.59	18	227	40.27	445	35.94	11
1974.....	245	34.65	447	29.78	14	241	35.12	438	29.92	11
1975.....	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976.....	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977.....	237	40.65	459	38.20	14	234	41.07	454	38.01	10
1978.....	239	48.29	460	42.36	15	237	48.49	459	43.23	11
1979.....	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980.....	241	39.08	452	36.94	19	237	39.48	447	36.01	12
1981.....	243	43.87	458	40.40	17	238	44.05	454	40.27	11
1982.....	244	54.87	454	49.66	19	240	55.07	458	49.59	12
1983.....	240	47.32	444	40.55	20	239	47.33	455	40.68	13
1984.....	239	48.83	448	43.04	19	239	48.69	451	43.29	14
1985.....	244	44.47	473	39.57	15	241	44.50	466	39.41	13
1986.....	244	50.30	480	45.49	17	242	50.59	469	45.88	13

¹ Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 415.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1972-86

Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average ¹	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average ¹	Bacon, smoked, slab, 8- to 12-lb. average
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1972.....	64.46	52.26	56.97	66.70	1980.....	101.14	87.44	88.99	.....
1973.....	81.91	71.08	.....	62.14	1981.....	113.70	97.56	95.55	.....
1974.....	78.56	61.98	.....	.....	1982.....	111.51	91.12	91.47	.....
1975.....	99.28	86.44	89.15	.....	1983.....	115.91	96.07	95.54	.....
1976.....	97.68	81.13	91.06	.....	1984.....	115.81	96.85	99.57	.....
1977.....	95.25	75.98	89.08	.....	1985.....	113.59	90.02	92.90	.....
1978.....	109.15	71.77	99.63	.....	1986.....	104.78	89.11	91.61	.....
1979.....	107.65	94.13	94.38	.....				

¹ Delete word "smoked" after 1974.

Agricultural Marketing Service.

Table 416.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1972-86

Year	Supply					Disposition				
	Production				Stocks Jan. 1 ¹	Total ²	Ex- ports ³	Domestic disappearance		
	Federal- ly inspect- ed	Other commercial	Farm	Total				Total	Direct use	
									Per civilian	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	
1972.....	1,465	77	18	1,559	100	1,859	189	1,419	792	3.8
1973.....	1,181	54	18	1,253	51	1,304	122	1,140	705	3.4
1974.....	1,289	55	22	1,366	44	1,410	182	1,192	681	3.2
1975.....	956	39	17	1,012	36	1,048	88	932	633	3.0
1976.....	1,010	34	17	1,061	28	1,089	181	874	585	2.7
1977.....	994	27	16	1,037	34	1,071	182	861	510	2.3
1978.....	968	23	15	1,006	29	1,035	129	878	496	2.2
1979.....	1,109	32	14	1,155	38	1,193	96	1,047	584	2.6
1980.....	1,173	30	14	1,217	50	1,267	92	1,126	594	2.6
1981.....	1,131	24	12	1,167	49	1,216	150	1,029	578	2.5
1982.....	892	18	9	919	37	1,956	103	907	584	2.5
1983.....	952	20	7	979	37	1,015	89	892	490	2.1
1984.....	911	17	6	935	34	969	89	846	491	2.1
1985.....	906	17	6	929	34	963	105	820	422	1.8
1986 ³	855	14	5	874	38	912	104	776	412	1.7

¹ Factory and warehouse stocks as reported by the Bureau of the Census.² Includes imports, which were less than 500,000 pounds.³ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

Table 417.—Lard, including rendered pork fat: United States exports by country of destination, 1983-86

Continent and country	1983	1984	1985	1986 ¹	Continent and country	1983	1984	1985	1986 ¹
	Metric tons	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	Metric tons
North America:					Europe:				
Belize.....	1,459	1,360	877	1,287	Belgium and				
Canada.....	7,311	9,062	5,637	2,386	Luxembourg.....	1,012	0	0	34
Haiti.....	1,456	111	3,481	2,021	United Kingdom.....	398	1	1	0
Mexico.....	19,717	28,599	35,557	41,603	Other countries.....		28	1,276	21
Netherlands Antilles.....	398	314	91	101	Total.....	3,676	29	1,277	55
Panama.....	23	58	5	5	Africa.....				
Other countries.....	542	501	185	134	Asia.....	17	2	23	43
Total.....	30,906	40,005	45,833	47,537	Oceania.....	5,370	88	38	50
South America:					Grand total ²	40,195	40,358	47,414	47,827
Bolivia.....		117	100	0					
Colombia.....	60	67	82	45					
Other countries.....	165	36	61	94					
Total.....	225	220	243	139					

¹ Preliminary.² May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 418.—Sheep and lambs: Number and value, United States, Jan. 1, 1972-87

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1972.....	18,739	22.90	428,861	1980.....	12,699	78.20	993,093
1973.....	17,641	26.70	470,832	1981.....	12,947	69.90	904,303
1974.....	16,310	32.80	534,766	1982.....	12,997	57.10	742,159
1975.....	14,515	30.50	442,491	1983.....	12,140	51.80	628,599
1976.....	13,311	37.30	496,281	1984.....	11,487	52.10	596,904
1977.....	12,722	42.50	540,158	1985.....	10,443	61.10	637,873
1978.....	12,421	51.60	641,476	1986.....	9,983	67.40	673,046
1979.....	12,365	72.10	890,970	1987 ¹	10,328	75.70	781,800

¹ Preliminary.

National Agricultural Statistics Service.

Table 419.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1972-87

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	18,739	2,894	15,845	1,974	402	12,909	560
1973.....	17,641	2,873	14,768	1,883	354	12,049	482
1974.....	16,310	2,625	13,685	1,804	359	11,058	464
1975.....	14,515	2,079	12,436	1,510	404	10,083	437
1976.....	13,311	1,884	11,427	1,345	350	9,314	418
1977.....	12,722	1,781	10,991	1,401	379	8,850	361
1978.....	12,421	1,623	10,798	1,506	328	8,588	374
1979.....	12,365	1,579	10,786	1,684	356	8,366	380
1980.....	12,699	1,622	11,077	1,810	368	8,533	366
1981.....	12,947	1,649	11,298	1,790	358	8,780	371
1982.....	12,997	1,564	11,433	1,810	423	8,811	389
1983.....	12,140	1,661	10,479	1,420	343	8,343	374
1984.....	11,487	1,718	9,769	1,237	318	7,874	340
1985.....	10,443	1,696	8,847	1,016	284	7,233	314
1986.....	9,983	1,492	8,491	1,048	318	6,817	310
1987 ¹	10,328	1,504	8,824	1,296	367	6,841	320

¹ Preliminary.

National Agricultural Statistics Service.

CATTLE, HOGS, AND SHEEP, 1987

Table 420.—Stock sheep: Number, by classes, by States, Jan. 1, 1986 and 1987

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹	1986	1987 ¹
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
AK.....	0.3	0.2	0.2	0.2	1.5	1.3	1.0	0.7
AZ.....	44	41	27	23	161	144	14	11
CA.....	89	69	23	16	725	685	23	25
CO.....	45	55	10	15	295	300	10	16
CT.....	1.3	1.9	.6	.5	6.4	6.0	.4	.4
ID.....	42	42	3.0	6.0	250	245	6.0	6.0
IL.....	14	19	3.0	5.0	77	79	4.0	6.0
IN.....	12	12	3.0	3.0	73	63	4.0	4.0
IA.....	33	36	7.0	8.0	280	255	10	11
KS.....	8	10	3.0	4.0	133	145	6.0	7.0
KY.....	3.0	4.0	1.0	2.4	22	24	1.0	1.6
LA.....	1.0	1.0	.6	.5	6.1	6.1	.7	.7
ME.....	2.0	2.5	1.0	1.3	13	13	1.0	1.2
MD.....	2.0	4.0	1.0	2.0	14	16	3.0	3.0
MA.....	1.7	3.2	.6	1.3	7.0	8.7	.7	.8
MI.....	11	10	4.0	4.0	71	68	3.0	3.0
MN.....	19	23	5.0	6.0	120	130	6.0	6.0
MO.....	12	13	3.0	5.0	72	80	4.0	4.0
MT.....	60	106	9.0	11.0	370	370	11	13
NE.....	9.0	15	3.0	6.0	80	94	3.0	5.0
NV.....	10	14	1.0	1.0	65	69	2.0	2.0
NH.....	1.8	1.8	.6	.9	8.0	8.8	.6	.7
NJ.....	1.8	3.1	.7	1.7	7.7	8.2	.8	1.0
NM.....	58	80	8.0	8.0	355	342	19	20
NY.....	8.0	15	4.0	7.0	40	40	3.0	2.0
NC.....	1.8	2.2	.5	.7	7.1	9.3	.6	.8
ND.....	13	29	3.0	7.0	120	130	4.0	4.0
OH.....	28	30	5.0	7.0	185	220	7.0	8.0
OK.....	8.0	10	4.0	7.0	55	60	3.0	3.0
OR.....	33	44	6.0	10.0	275	255	11	11
PA.....	14	18	5.0	7.0	68	73	6.0	6.0
SD.....	30	74	5.0	29.0	413	434	12	13
TN.....	.8	2.3	.8	1.3	7.7	8.7	.7	.7
TX.....	230	290	90	110	1,260	1,300	80	80
UT.....	45	50	3.0	4.0	400	375	12	11
VT.....	2.0	2.5	1.0	1.4	9.0	11.0	1.0	1.1
VA.....	17	11	4.0	6.0	88	98	5.0	5.0
WA.....	9.0	9.5	3.0	3.5	44	44	2.0	2.0
WV.....	8.0	11	8.0	8.0	60	68	2.0	3.0
WI.....	6.0	12	2.0	7.0	52	53	4.0	4.0
WY.....	113	119	15	19	570	530	22	22
US.....	1,947.5	1,296.2	317.6	366.7	6,816.5	6,840.9	309.5	319.7

¹ Preliminary.

National Agricultural Statistics Service.

Table 421.—Sheep and lambs: Number of stock sheep and sheep on feed, by States,
Jan. 1, 1985-87

State	Stock sheep			Sheep on feed ²		
	1985	1986	1987 ¹	1985	1986	1987 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AK.....	2.9	3.0	2.4			
AZ.....	232	246	219	34	32	64
CA.....	870	860	785	195	205	185
CO.....	375	360	380	300	240	310
CT.....	9.2	8.7	8.8			
ID.....	295	301	299	18	19	15
IL.....	118	98	109	18	11	10
IN.....	100	92	82	10	8.0	9.0
IA.....	280	280	310	80	70	65
KS.....	170	150	166	75	60	70
KY.....	37	37	32			
LA.....	9.2	8.4	8.3			
ME.....	19	17	18			
MD.....	16	20	25			
MA.....	11	10	15			
MI.....	92	89	85	18	19	21
MN.....	185	150	165	70	63	72
MO.....	107	91	102	16	10	8.0
MT.....	470	450	500	45	23	23
NE.....	100	95	120	65	65	53
NV.....	90	78	86	19	3.0	9
NH.....	12	11	12			
NJ.....	12	11	14			
NM.....	486	440	450	52	85	30
NY.....	59	55	64			
NC.....	8.4	10	13			
ND.....	165	160	160	50	40	25
OH.....	220	225	245	45	50	55
OK.....	65	70	80	20	20	25
OR.....	345	325	320	190	185	95
PA.....	88	93	104			
SD.....	564	460	550	75	80	55
TN.....	9.0	10	13			
TX.....	1,670	1,660	1,780	140	150	150
UT.....	490	460	440	25	24	24
VT.....	15	13	16			
VA.....	125	154	130			
WA.....	53	58	59			
WV.....	76	78	90			
WI.....	66	64	76	15	11	7.0
WY.....	740	720	690	120	99	85
US.....	8,846.7	8,491.1	8,823.5	1,506.0	1,492.0	1,504.0

¹ Preliminary.

² Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

National Agricultural Statistics Service.

Table 422.—Sheep: Number in specified countries, 1985-87 ¹

Continent and country	1985	1986	1987 ²	Continent and country	1985	1986	1987 ²
	Thou- sand head	Thou- sand head	Thou- sand head		Thou- sand head	Thou- sand head	Thou- sand head
North America:				Europe—Con.			
United States ³	10,443	9,963	10,328	Hungary	2,832	2,465	2,337
Total	10,443	9,963	10,328	Poland	4,094	4,112	4,300
South America:				Romania	18,637	18,609	18,650
Argentina	29,276	29,243	28,996	Yugoslavia	7,679	7,693	7,819
Uruguay	22,777	24,808	25,207	Total Eastern Europe	47,336	46,277	46,453
Total	52,053	54,051	54,705	Total Europe	130,452	128,917	131,667
Europe:				Soviet Union	142,876	140,850	142,200
Belgium-Luxembourg	134	147	149	Africa:			
Denmark	40	52	69	Egypt	1,450	1,500	1,550
France	11,580	11,241	10,580	South Africa	30,256	29,481	29,728
Germany, Fed. Rep. of	1,500	1,296	1,383	Total	31,706	30,981	31,278
Greece	10,029	10,122	11,412	Asia and Mideast:			
Ireland	2,690	2,774	2,970	India	52,770	54,460	55,482
Italy	11,098	11,300	11,451	Japan	24	26	27
Netherlands	814	868	900	Turkey	47,772	47,000	43,500
United Kingdom	23,946	24,540	25,976	Total	100,566	101,486	99,009
Total EC	61,631	62,340	64,890	Oceania:			
Portugal	3,963	3,000	3,137	Australia	149,747	155,561	158,642
Spain	17,520	17,300	17,177	New Zealand	69,739	67,854	69,601
Total Western Europe	83,114	82,640	85,204	Total	219,486	223,415	228,243
Bulgaria	10,500	9,724	9,625	Total selected countries	687,582	689,683	697,420
Czechoslovakia	1,068	1,087	1,075				
German Dem. Rep.	2,528	2,587	2,647				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

² Preliminary.

³ 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 423.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1984-86 ¹

State	1984		1985		1986 ²	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
AK.....	0.7	44	0.7	47	0.7	47
AZ.....	125	70	112	76	112	70
CA.....	720	90	690	90	630	87
CO.....	375	107	350	113	350	119
CT.....	8.4	133	8.6	127	9.4	147
ID.....	365	119	329	134	301	130
IL.....	117	119	100	109	103	134
IN.....	102	129	98	126	85	116
IA.....	320	123	310	135	290	144
KS.....	165	115	145	99	160	120
KY.....	25	109	26	118	23	105
LA.....	6.4	89	6.1	94	6.0	98
ME.....	17	113	16	114	17	131
MD.....	14	117	17	155	16	114
MA.....	16	125	8.5	106	11	167
MI.....	100	139	90	123	90	127
MN.....	225	141	190	127	195	163
MO.....	117	130	105	118	108	150
MT.....	470	109	470	121	460	122
NE.....	110	118	105	127	120	150
NV.....	83	106	72	96	73	112
NH.....	12	133	12	133	12	160
NJ.....	9.0	129	9.0	113	10	130
NM.....	340	78	325	83	300	85
NY.....	51	121	45	114	50	125
NC.....	6.5	112	7.4	128	9.0	127
ND.....	180	134	160	114	165	138
OH.....	220	119	215	119	230	124
OK.....	60	100	60	111	80	146
OR.....	315	108	320	112	290	106
PA.....	80	104	75	112	79	116
SD.....	610	115	550	115	525	127
TN.....	6.5	135	6.8	100	7.7	100
TX.....	1,120	79	1,020	76	1,130	90
UT.....	430	92	420	100	400	100
VT.....	14	156	13	130	15	167
VA.....	115	126	110	126	120	136
WA.....	50	111	55	134	58	132
WV.....	80	111	71	111	80	133
WI.....	73	153	76	149	78	150
WY.....	540	73	610	107	530	91
US.....	7,787.5	99	7,412.1	103	7,348.8	108

¹ Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States.² Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 438

¹ Includes shearing at commercial feeding yards.² For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.³ Production multiplied by annual average price.⁴ Preliminary.⁵ Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.⁶ U.S. average price per pound derived using unrounded value and production.

National Agricultural Statistics Service.

Table 424.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1972-86

Year	Lamb crop ¹	Marketings ²		Inshipments	Farm slaughter	Quantity produced (live weight) ³
		Sheep	Lambs			
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds
1972	12,599	2,170	12,383	3,976	224	1,004,102
1973	11,500	2,198	10,879	3,275	202	895,776
1974	10,509	2,172	9,888	2,629	217	806,755
1975	9,857	1,812	9,039	2,349	212	785,394
1976	8,878	1,495	8,120	2,469	202	733,026
1977	8,573	1,450	7,361	2,148	198	706,395
1978	7,927	1,439	6,529	2,148	174	686,869
1979	7,974	1,347	6,236	2,143	172	704,593
1980	8,257	1,395	6,743	2,216	166	746,343
1981	8,820	1,510	7,103	1,885	189	772,382
1982	8,580	1,124	7,358	2,115	195	785,425
1983	8,209	1,820	7,104	1,836	171	767,558
1984	7,788	1,821	7,007	1,859	141	694,116
1985	7,412	1,569	6,478	1,693	135	694,217
1986 ⁴	7,349	1,306	6,079	1,781	127	720,733

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb ⁵	Value of sheep and lambs slaughtered for home consumption	Gross income ⁶	Average price per 100 pounds received by farmers	
					Sheep	Lambs
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1972	271,434	353,803	5,725	359,528	7.26	29.10
1973	293,732	389,585	6,895	396,480	12.90	35.10
1974	272,048	368,747	7,870	376,617	11.20	37.00
1975	303,328	385,804	8,470	394,274	11.30	42.10
1976	315,581	395,101	9,173	402,274	13.10	46.90
1977	320,323	386,372	9,866	396,238	13.50	51.30
1978	381,621	452,935	11,223	464,158	21.80	62.80
1979	406,766	470,387	11,774	482,161	26.30	66.70
1980	402,689	470,782	11,636	482,418	21.30	63.60
1981	359,085	416,081	12,334	428,415	21.20	54.90
1982	355,703	445,134	13,000	458,134	19.50	53.10
1983	356,690	426,356	10,599	436,955	15.70	53.90
1984	376,512	466,528	11,129	477,657	16.40	60.10
1985	427,805	505,202	12,768	515,970	22.90	67.70
1986 ⁴	443,565	485,541	12,566	496,047	25.60	69.00

¹ Lamb crop defined as lambs born in the native States, plus lambs doctored or branded in the Western States for the period Oct. 1 through Sept. 30. ² Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. ³ Adjustments made for changes in inventory and for inshipments.

⁴ Preliminary. ⁵ Receipts from marketings and sale of farm-slaughtered meat. ⁶ Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

National Agricultural Statistics Service.

Table 425.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1972-86 ¹

Year	Sheep			Slaughter lambs			
	Good	Utility	Cull	Shorn		Spring	
				Prime	Choice	Prime	Choice
1972	10.38	9.30	8.23	29.88	29.44	32.94	32.16
1973	16.55	15.50	14.09	37.87	36.88	40.13	39.09
1974	15.40	13.16	10.51	40.80	40.06	43.12	40.98
1975	15.34	13.08	10.80	45.98	44.69	47.75	45.10
1976	17.69	14.56	11.40	50.20	49.81	54.74	53.27
1977	19.12	15.92	12.73	52.22	53.54	56.46	54.68
1978	28.39	23.85	19.18	.....	65.56	74.82	71.19
1979	30.20	27.48	22.68	.....	69.35	.....	73.55
1980	24.16	20.02	16.14	.....	64.41	70.50	68.18
1981	26.26	22.25	17.98	.....	56.73	.....	64.42
1982	21.80	17.80	13.77	.....	57.12	.....	64.25
1983	16.85	13.61	10.56	.....	56.47	.....	60.70
1984	20.04	15.53	11.49	.....	61.30	.....	62.84
1985	34.02	28.87	21.61	66.88	68.06	71.47	71.90
1986	35.10	28.20	20.44	66.95	66.95	73.06	73.06

See footnotes on page 287.

Table 426.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1986 (preliminary)

State	Marketings ¹		Shipped in	Slaughter on farms ²	Quantity produced (live weight) ³	Value of production	Cash receipts from sales of sheep, lambs, and mutton and lamb ⁴	Value of sheep and lambs slaughtered for home consumption	Gross income ⁵
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AK	0.1	0	0	0.4	22	8	21	6	27
AZ	157	52	138	15	9,790	3,445	5,554	507	8,061
CA	111	685	196	24	73,668	46,988	57,830	2,114	59,944
CO	92	446	360	2	49,539	30,661	40,725	165	40,890
CT	1.9	5.5	0	.2	791	621	536	64	600
ID	38	255	32	4	28,755	18,025	19,012	501	19,513
IL	12	82	22	3	9,675	5,725	5,456	710	6,166
IN	20	55	1	3	7,035	4,038	3,961	413	4,394
IA	10	314	91	1	35,099	21,744	25,008	135	25,143
KS	9	177	70	1	19,597	12,608	13,803	259	14,062
KY	3.4	13.6	5	.5	2,118	1,241	1,160	56	1,199
LA	.7	2.3	0	.7	339	195	141	59	199
ME	1.8	11.2	0	.3	1,265	1,090	853	150	1,003
MD	1	10	4	1	1,364	728	575	121	696
MA	0	4.9	1	.6	907	793	348	142	490
MI	14	63	1	1	8,690	5,167	4,967	297	5,254
MN	25	177	66	1	30,988	13,261	14,354	207	14,561
MO	3	74.1	6	.9	8,045	5,173	4,924	153	5,077
MT	60	289	39	3	35,810	22,183	19,865	133	20,190
NE	20	158	98	1	13,096	8,331	11,743	120	11,863
NV	2	43	2	3	5,721	3,652	3,333	150	3,483
NH	1.3	8.2	0	.4	1,075	903	709	123	832
NJ	4.3	6.5	6.5	.4	718	444	500	123	623
NM	70	235	59	23	20,673	13,382	16,772	1,690	18,462
NY	9	32	3	1	3,599	2,291	1,609	121	1,730
NC	.7	5.8	1.7	.8	661	344	199	68	367
ND	15	134	15	1	15,475	9,938	9,277	149	10,026
OH	6	161	3	4	20,015	12,718	11,217	249	11,466
OK	4	63	19	2	7,665	4,713	4,497	321	4,818
OR	39	215	0	4	27,287	17,048	16,545	670	17,215
PA	7	41	0	2	6,189	3,691	2,945	211	3,156
SD	22	436	91	3	52,154	35,749	35,331	298	35,629
TN	1.7	3	2.1	.2	547	324	222	8	290
TX	231	853	240	1	114,980	69,649	74,671	155	74,829
UT	49	306	10	5	37,047	22,747	23,460	361	23,761
VT	.4	9.5	0	.4	1,295	1,060	750	146	896
VA	46	91	45	2	14,407	5,827	7,838	150	7,988
WA	7	45	7	4	5,871	3,376	3,371	396	3,767
WV	4	48	3	1	6,105	3,380	2,906	120	3,026
WI	5	54	4	1	6,518	4,320	3,771	148	3,919
WY	202	426	138	4	47,319	26,056	32,292	536	32,628
US	1,306	6,079	1,781	127	720,733	443,565	483,541	12,506	496,047

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

² Excludes custom slaughter for farmers at commercial establishments.

³ Adjustments made for changes in inventory and for inshipments.

⁴ Receipts from marketings and sale of farm-slaughter.

⁵ Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 425

¹ Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. Agricultural Marketing Service.

Table 427.—Sheep and lambs: Receipts at selected public stockyards, 1972-86 ¹

Year	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2 3}
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	9	17	43	111	60	83	228	107	1,895	2,553
1973.....	(⁴)	12	36	97	41	67	243	102	1,779	2,377
1974.....		10	29	88	35	52	254	98	1,679	2,245
1975.....		7	22	81	29	41	247	81	1,394	1,902
1976.....		5	19	76	28	36	218	55	1,325	1,707
1977.....		4	14	73	25	36	165	47	1,247	1,611
1978.....		2	12	51	22	19	126	29	969	1,264
1979.....		1	14	54	18	20	126	23	1,037	1,293
1980.....		1	21	52	16	20	146	24	1,034	1,314
1981.....		1	20	44	17	17	146	25	1,033	1,303
1982.....		(⁴)	21	33	21	18	137	24	1,176	1,430
1983.....			17	24	22	21	131	18	1,072	1,305
1984.....			15	21	22	19	116	12	1,093	1,298
1985.....			12	15	18	13	105	8	794	965
1986.....			8	14	15	9	87	10	738	881

¹ Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.² Rounded totals of complete figures.³ The number of stockyards reporting varies from 41 to 68.⁴ Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 428.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1986 ¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
AL.....	0.2	14	64	N ENG ²	32.7	3,100	95
AZ.....	1.8	195	107	NJ.....	40.6	3,917	96
AR.....	1.0	109	104	NM.....	133.0	14,852	112
CA.....	876.7	102,867	117	NY.....	54.4	5,333	98
CO.....	1,281.2	154,826	123	NC.....	1.1	102	90
DE and MD.....	18.4	1,941	105	ND.....	8	87	115
FL.....	6	45	75	OH.....	24.9	2,439	98
GA.....	1.1	101	96	OK.....	2.9	337	116
HI.....	2	14	83	OR.....	8.5	972	114
ID.....	5.4	603	112	PA.....	130.7	13,191	101
IL.....	296.7	34,817	117	SC.....	2	22	100
IN.....	11.5	1,202	105	SD.....	358.2	42,206	118
IA.....	520.5	63,089	121	TN.....	1.6	175	112
KS.....	337.5	42,297	125	TX.....	561.9	62,016	110
KY.....	9.0	1,049	116	UT.....	40.1	4,368	109
LA.....	4.1	407	100	VA.....	152.7	16,497	108
MI.....	207.4	23,838	115	WA.....	155.4	18,524	119
MN.....	347.1	40,459	117	WV.....	8	81	101
MO.....	17.0	1,966	110	WI.....	7.5	795	106
MT.....	2.9	337	115	WY.....	1.3	156	118
NE.....	3.1	359	117	US.....	5,635.0	659,893	117
NV.....	2.4	292	122				

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms.² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

National Agricultural Statistics Service.

Table 429.—Sheep and lambs: Number slaughtered, United States, 1972-86

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total ¹				Federally inspected	Other	Total ¹		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	9,906	306	10,301	224	10,525	1980.....	5,363	216	5,579	166	5,745
1973.....	9,224	363	9,597	302	9,799	1981.....	5,789	219	6,008	189	6,197
1974.....	8,566	291	8,847	217	9,064	1982.....	6,273	175	6,449	196	6,644
1975.....	7,562	283	7,835	212	8,047	1983.....	6,412	307	6,619	171	6,790
1976.....	6,474	240	6,714	302	6,916	1984.....	6,549	210	6,759	141	6,900
1977.....	6,133	223	6,356	198	6,554	1985.....	5,976	189	6,165	135	6,300
1978.....	5,169	300	5,369	174	5,543	1986.....	5,464	171	5,635	127	5,762
1979.....	4,833	184	5,017	172	5,189						

¹ Totals are based on unrounded numbers.

National Agricultural Statistics Service.

Table 430.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1972-86¹

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Number head	Pct. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
	Thousands	Per cent	Pounds	Thousands	Per cent	Pounds	Thousands	Pounds	Pounds	Thousands	Pounds	Pounds
1972.....	9,229	93.2	.....	677	6.8	.....	9,905	52	105	10,301	52	105
1973.....	8,426	91.2	.....	808	8.8	.....	9,234	53	106	9,597	53	107
1974.....	7,987	93.3	.....	509	6.7	.....	8,566	52	105	8,847	52	105
1975.....	6,993	92.6	.....	558	7.4	.....	7,552	51	109	7,835	51	104
1976.....	6,058	93.6	.....	416	6.4	.....	6,474	54	108	6,714	54	109
1977.....	5,643	92.0	54	489	8.0	56	6,133	54	108	6,356	54	108
1978.....	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979.....	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980.....	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112
1981.....	5,368	93.1	55	401	6.9	53	5,789	55	110	6,008	54	110
1982.....	5,820	92.8	56	454	7.2	53	6,273	56	111	6,449	56	111
1983.....	5,933	92.5	56	479	7.5	54	6,412	56	113	6,619	56	112
1984.....	6,035	92.2	56	513	7.8	54	6,549	56	111	6,759	56	111
1985.....	5,578	93.3	58	399	6.7	56	5,976	57	115	6,165	57	114
1986.....	5,154	94.3	59	310	5.7	57	5,464	59	118	5,635	59	117

¹ All percents and weights calculated using unrounded totals.

National Agricultural Statistics Service.

Table 431.—Livestock: Average price per 100 pounds received by farmers, by States, 1985 and 1986

State	Cows ¹		Steers and heifers		Beef cattle ²		Calves	
	1985	1986	1985	1986	1985	1986	1985	1986
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL.....	35.60	34.00	54.10	50.50	46.20	43.00	57.50	56.90
AK.....	40.00	45.00	61.00	65.00	51.00	60.00	63.00	70.00
AZ.....	35.70	35.00	57.90	55.20	54.70	51.90	63.20	58.60
AR.....	35.90	35.20	55.80	54.90	45.00	45.20	61.20	60.70
CA.....	37.00	35.30	56.00	54.30	48.80	46.70	55.80	53.70
CO.....	37.60	36.70	59.90	58.70	58.50	57.00	67.50	66.20
CT.....	34.90	36.10	42.00	43.00	40.00	42.00	47.00	53.00
DE.....	33.80	36.80	52.40	51.10	47.60	46.10	61.80	57.90
FL.....	37.00	34.70	57.80	49.80	47.30	38.10	61.00	60.20
GA.....	36.60	34.50	51.00	48.60	43.50	40.60	56.30	54.50
HI.....	29.10	28.30	44.90	43.10	41.30	39.50	33.00	44.00
ID.....	34.80	33.80	56.20	54.80	51.60	49.90	60.90	59.40
IL.....	36.80	35.10	57.30	57.10	56.10	55.90	70.00	75.50
IN.....	36.70	35.40	53.70	52.80	48.90	47.60	55.40	54.80
IA.....	36.40	35.40	57.50	57.00	54.50	53.70	62.20	61.50
KS.....	39.40	36.40	59.70	58.00	58.50	56.80	64.60	63.90
KY.....	35.40	33.90	53.30	52.80	46.40	45.90	57.30	57.30
LA.....	35.60	35.30	54.20	51.80	39.80	39.50	59.00	59.10
ME.....	34.00	37.00	42.00	43.00	40.00	42.00	42.00	49.00
MD.....	38.80	36.80	52.40	51.10	47.60	46.10	61.80	57.90
MA.....	34.00	36.00	42.00	43.00	40.00	42.00	46.00	53.00
MI.....	36.10	35.20	52.10	51.80	46.30	44.50	53.30	55.00
MN.....	35.80	35.40	53.90	54.30	49.60	49.20	55.40	58.30
MS.....	35.20	34.40	52.10	50.90	40.10	39.00	59.10	59.70
MO.....	37.80	36.90	58.20	57.30	52.00	50.80	61.70	60.80
MT.....	35.70	35.90	58.40	57.90	47.60	49.30	62.20	62.60
NE.....	37.40	35.20	58.60	58.20	57.70	57.10	67.20	66.80
NV.....	34.00	33.80	51.00	51.90	44.20	45.50	59.70	59.00
NH.....	34.00	37.00	42.00	43.00	40.00	42.00	43.00	48.00
NJ.....	35.00	34.00	45.60	47.50	38.60	35.90	59.80	61.60
NM.....	36.70	35.30	57.30	55.70	49.40	48.50	68.10	65.40
NY.....	34.90	33.60	43.30	41.80	35.50	34.20	58.70	57.80
NC.....	39.00	36.50	49.60	46.60	44.00	41.50	56.80	53.50
ND.....	35.50	35.10	58.90	57.00	53.30	51.30	64.10	63.60
OH.....	36.60	35.30	54.40	54.10	50.40	50.00	55.20	56.30
OK.....	36.20	35.90	58.50	57.30	49.90	50.50	62.30	62.10
OR.....	34.10	33.60	53.70	53.50	46.50	45.50	59.10	57.90
PA.....	36.20	35.10	52.60	52.50	46.10	45.40	63.00	65.10
RI.....	34.00	36.00	42.00	43.00	40.00	42.00	47.00	53.00
SC.....	38.50	36.80	52.50	49.60	41.30	40.60	58.20	56.00
SD.....	37.10	36.80	59.10	57.20	54.90	52.60	66.30	66.90
TN.....	35.20	33.90	53.40	51.70	44.50	42.50	56.50	56.30
TX.....	37.30	36.40	58.40	57.00	55.00	53.50	62.20	60.60
UT.....	34.30	34.00	56.00	55.20	53.90	53.30	61.90	62.10
VT.....	34.00	35.00	42.00	43.00	40.00	41.00	45.00	48.00
VA.....	34.40	32.90	52.40	53.10	47.70	46.80	55.10	55.50
WA.....	35.40	34.30	56.80	55.90	54.90	53.20	59.70	59.90
WV.....	32.60	30.70	55.00	53.10	46.00	46.40	56.60	56.20
WI.....	36.10	35.50	49.80	50.10	43.10	42.90	85.70	85.70
WY.....	38.20	39.00	60.00	58.80	52.20	52.40	66.50	67.30
US.....	36.50	35.50	57.70	56.70	53.70	52.60	62.10	61.10

See footnotes at end of table.

Table 431.—Livestock: Average price per 100 pounds received by farmers, by States, 1985 and 1986—Continued

State	Hogs ^a		Lambs		Sheep	
	1985	1986	1985	1986	1985	1986
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL.....	43.60	48.00				
AK.....	54.00	51.00	70.00	75.00	30.00	30.00
AZ.....	46.00	54.70	69.50	64.60	19.70	15.30
AR.....	42.70	45.80				
CA.....	47.30	52.20	68.30	68.60	23.10	23.20
CO.....	45.10	51.80	67.10	67.60	23.90	28.30
CT.....	41.00	46.00	97.60	101.00	40.00	41.00
DE.....	44.40	48.40				
FL.....	42.10	45.50				
GA.....	44.70	50.50				
HI.....	76.30	76.10				
ID.....	41.70	48.10	65.70	65.10	21.20	21.20
IL.....	44.00	48.80	63.20	67.60	19.70	21.00
IN.....	44.00	49.50	63.10	65.20	22.30	26.80
IA.....	44.20	49.50	67.10	69.80	23.70	28.30
KS.....	43.00	47.80	66.00	67.40	25.40	25.50
KY.....	44.80	49.90	68.00	68.00	16.00	20.00
LA.....	42.20	43.50	69.00	70.00	30.00	28.00
ME.....	41.00	46.00	99.00	98.00	40.00	41.00
MD.....	44.40	48.40	63.60	67.40	19.50	22.00
MA.....	41.00	46.00	106.00	104.00	40.00	41.00
MI.....	43.90	48.30	67.00	67.50	16.50	21.50
MN.....	44.40	50.70	68.80	69.10	21.70	23.80
MS.....	44.40	50.70				
MO.....	43.90	49.20	65.50	68.00	25.00	30.50
MT.....	38.50	42.10	66.80	67.20	17.60	22.70
NE.....	44.00	50.10	68.40	68.90	26.10	26.30
NV.....	33.60	42.20	57.70	69.00	16.40	22.40
NH.....	41.00	46.00	97.00	98.00	40.00	41.00
NJ.....	44.70	47.60	63.20	68.10	31.00	34.90
NM.....	45.50	50.30	68.80	70.80	28.00	31.50
NY.....	42.90	47.20	69.20	71.20	21.10	26.60
NC.....	44.70	49.90	64.00	67.00	23.80	24.00
ND.....	41.70	47.60	65.30	67.80	18.80	21.80
OH.....	44.40	49.50	66.90	68.00	34.90	37.30
OK.....	44.60	49.70	65.90	67.60	20.00	21.40
OR.....	45.40	50.80	65.60	65.90	19.90	18.60
PA.....	45.60	50.30	67.00	70.30	21.70	24.00
RI.....	41.00	46.00				
SC.....	43.60	49.70				
SD.....	43.40	48.80	68.50	70.40	23.00	27.60
TN.....	43.20	45.70	62.80	67.80	21.20	21.00
TX.....	43.40	47.30	69.60	71.60	30.10	27.30
UT.....	41.00	47.00	65.70	65.30	18.50	21.30
VT.....	41.00	46.00	90.00	90.00	40.00	41.00
VA.....	44.10	48.50	67.00	68.00	17.00	20.00
WA.....	43.50	48.00	66.70	65.50	15.20	14.90
WV.....	44.00	48.00	67.80	66.50	17.50	19.30
WI.....	43.20	48.30	68.90	68.30	16.40	21.10
WY.....	42.90	49.50	65.70	67.50	27.70	25.00
US.....	44.00	49.30	67.70	69.00	23.90	25.60

¹ Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.² Weighted average of prices for cows, and for steers and heifers.³ December of preceding year through November.

National Agricultural Statistics Service.

Table 432.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1972-86

Year	Sheep and lambs shorn ¹	Weight per fleece	Shorn wool production	Price per pound ²	Value of production ³	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds
1972.....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973.....	17,425	8.25	143,738	82.7	118,839	3.49	8,900
1974.....	15,956	8.23	131,382	59.2	77,788	3.31	5,700
1975.....	14,403	8.30	119,535	44.8	53,506	3.35	6,000
1976.....	13,536	8.21	111,100	66.0	73,332	3.34	4,850
1977.....	13,217	8.12	107,328	72.0	77,276	3.30	2,450
1978.....	12,719	8.09	102,942	74.5	76,690	3.15	1,000
1979.....	13,069	8.02	104,867	86.3	90,536	3.20	900
1980.....	13,253	7.95	105,419	88.1	92,846	3.10	1,050
1981.....	13,493	8.14	109,787	94.4	103,665	3.05	1,150
1982.....	13,199	8.04	106,129	68.6	72,782	(*)	(*)
1983.....	12,865	8.00	102,886	61.2	62,978		
1984.....	12,284	7.77	95,471	79.5	75,876		
1985.....	11,158	7.88	87,941	63.3	55,657		
1986 ⁴	10,802	7.81	84,356	66.8	56,331		

Year	Total wool production ⁵	Raw wool supply (clean)				Total new supply ⁶
		Domestic production ⁷	Exports ⁸	Imports for consumption		
				Dutiable	Duty free	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1972.....	168,206	90,762	11,224	24,790	71,849	176,177
1973.....	151,738	81,726	3,726	19,601	40,524	138,125
1974.....	137,082	73,525	4,271	11,799	15,148	96,201
1975.....	125,535	67,488	7,674	16,605	17,021	93,440
1976.....	115,950	62,197	1,130	38,387	19,076	118,530
1977.....	109,778	58,455	385	36,303	22,655	117,028
1978.....	103,942	55,082	425	27,000	23,404	105,061
1979.....	105,767	56,022	313	20,283	22,047	98,039
1980.....	106,469	56,426	304	30,491	25,992	112,605
1981.....	110,937	58,806	307	48,106	26,145	132,750
1982.....	106,129	56,036	1,351	39,988	21,433	116,106
1983.....	102,886	54,324	1,014	49,371	28,688	131,389
1984.....	95,471	50,409	488	63,271	30,905	144,097
1985.....	87,941	46,433	1,415	50,164	29,308	124,490
1986 ⁹	84,356	44,540	788	66,090	30,901	140,743

¹ Includes sheep shorn at commercial feeding yards.

² Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

³ Production by States multiplied by annual average price.

⁴ Estimates discontinued in 1982.

⁵ Preliminary.

⁶ Beginning 1982, shorn wool only.

⁷ Conversion factors from grease basis to clean basis are as follows: Shorn wool production—52.8 percent (Stat. Bull. 616) from 1972-1986; pulled wool production—72.9 percent.

⁸ Includes carpet wool exports.

⁹ Production minus exports plus imports; stocks not taken into consideration.

Economic Research Service and National Agricultural Statistics Service. Imports and exports from reports of the U.S. Department of Commerce.

Table 433.—Wool: Price-support operations, United States, 1972-86

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments ²		Amount of payments ⁴		
	Support	Season average received by producers	Average for shorn wool per pound ¹	Unshorn lambs per cwt. ²	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1972.....	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973.....	72	82.7							
1974.....	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975.....	72	44.7	27.3	109	135	371	35.1	5.7	40.8
1976.....	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977.....	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978.....	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979.....	115	86.3	28.7	115	95	392	26.3	4.5	30.8
1980.....	123	88.1	34.9	140	96	388	32.0	5.5	37.5
1981.....	135	94.5	40.5	162	104	444	40.3	6.7	47.0
1982.....	137	68.4	68.6	274	88	515	59.2	12.5	71.7
1983.....	153	61.3	91.7	367	114	559	59.2	17.5	116.7
1984.....	165	79.5	85.5	342	94	536	76.3	15.7	92.0
1985.....	165	63.3	101.7	407	85	532	82.7	18.6	97.2
1986.....	178	66.8	111.2	445	80	504	84.4	19.6	99.2

¹ Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of shorn wool.

² For unshorn lambs sold.

³ Unadjusted for weight of unshorn lambs produced.

⁴ Payments for wool marketed during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 434.—Wool: Average price per pound, clean basis, delivered to United States mills, 1972-86

Year	Territory ¹		Fleece % blood good French combing and staple ²	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	Cents	Cents	Cents	Cents
1972 ³	116	94	93	156
1973.....	250	167	159	330
1974.....	176	126	119	243
1975.....	150	96	86	206
1976 ⁴	182	143	136	218
1977.....	183	161	158	222
1978.....	189	169	164	234
1979.....	218	182	175	277
1980.....	245	195	186	309
1981.....	278	195	177	316
1982.....	247	152		300
1983.....	212	133		274
1984.....	229	172		278
1985.....	191	136		259
1986.....	191	139		248

¹ Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

² Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi River and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

³ Beginning January 1972 reported as Australia Type 62-64's.

⁴ Before January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60-22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece % blood good French combing and staple.

Economic Research Service.

Table 435.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1977-86¹

Item	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ²
Apparel wool: ³										
Woolen system: ⁴	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer.....	22.3	24.4	29.0	28.2	35.2	23.8	30.5	32.9	28.0	34.1
50's up to 60's ⁵	26.3	28.6	28.3	28.8	29.3	24.6	30.2	32.3	27.7	32.2
48's and coarser.....										
Total.....	48.6	53.0	57.4	57.0	64.5	48.4	60.7	65.2	55.7	66.3
Worsted system:										
60's and finer.....	27.6	32.7	30.1	35.5	41.2	36.2	42.4	39.7	38.6	41.7
Coarser than 60's.....	19.3	16.5	19.1	20.9	22.0	21.3	23.6	24.1	16.7	18.8
Total.....	46.9	49.2	49.2	56.4	63.3	57.5	66.0	63.8	55.3	60.5
Total apparel:										
60's and finer.....	49.9	57.2	59.2	63.8	76.4	60.0	72.9	72.6	61.6	75.8
Coarser than 60's.....	45.6	45.1	47.4	49.6	51.4	45.9	53.8	56.4	44.4	51.0
Total.....	95.5	102.2	106.5	113.4	127.8	105.9	126.7	129.0	106.0	126.8
Carpet wool ⁶	12.5	13.0	10.5	10.0	10.9	9.8	13.9	13.1	10.6	10.0
Total mill.....	108.0	115.2	117.0	123.4	138.7	115.7	140.6	142.6	116.6	136.8

¹ Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

² Preliminary.

³ Domestic and duty-paid foreign.

⁴ Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

⁵ Beginning 1975, 50's up to 60's and 48's and coarser combined.

⁶ Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 436.—Wool: United States imports (for consumption), clean content, by grades, 1976-86¹

Grade	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ²
Dutiable: ³	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer ⁴	32.7	27.1	19.8	14.1	27.2	39.7	32.2	41.6	50.3	40.8	54.0
46's to 56's ⁵	1.6	3.2	7.2	6.2	3.3	8.4	7.8	7.8	13.0	9.4	12.1
40's to 46's ⁶.....	.8	1.5									
Not finer than 40's.....	3.1	4.2									
Named and similar wools.....	.2	.3									
Total.....	38.4	36.3	27.0	20.3	30.5	48.1	40.0	49.4	63.3	50.2	66.1
Duty-free: ⁷											
Named and similar wools.....	1.1	1.2	1.6	2.0	1.8	3.3	1.8	.5	.4	.6	.9
Other.....											
Not finer than 40's.....	14.7	16.9	12.8	10.2	10.1	7.9	7.4	8.8	7.8	6.2	7.2
40's to 44's.....	2.3	3.8	4.7	5.6	7.9	5.9	5.1	5.8	6.0	6.9	9.2
44's to 46's ⁷	1.0	.8	4.3	4.2	6.3	9.0	8.1	13.6	16.7	15.6	13.6
Total.....	19.1	22.7	23.4	22.0	26.0	26.1	21.4	28.7	30.9	29.3	30.9

¹ Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

² Preliminary.

³ Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's.

⁴ Finer than 56's beginning in 1978. ⁵ 50's through 58's beginning in 1978. ⁶ Beginning in November 1977 duties were suspended through June 30, 1980. ⁷ Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 437.—Wool: United States imports (for consumption), clean content, by country of origin, 1977-86 ¹

Country of origin	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ²
Dutiable:	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>	<i>MIL LB.</i>
Argentina.....	4.4	3.2	1.7	3.9	8.7	4.2	1.4	2.1	0.2	0.6
Australia.....	21.7	21.2	16.0	22.3	28.9	24.7	35.0	41.3	39.0	52.0
Canada.....	-	.1	.2	.2	.7	.2	.1	.3	.1	.3
Chile.....	-	.1	.5	.5	.8	1.0	.3	.5	.5	.7
New Zealand.....	6.3	1.6	.8	1.1	1.6	1.5	2.3	5.6	3.6	5.4
South Africa.....	.5	.3	.4	.2	1.9	4.7	8.3	8.8	4.1	4.5
United Kingdom.....	-	.2	.1	.1	.2	.1	-	.2	.3	.2
Uruguay.....	.2	.3	.5	1.2	4.0	3.1	1.7	3.5	1.9	2.2
Other.....	3.2	-	.1	.5	1.3	.5	.3	.5	.5	.1
Total.....	36.3	27.0	20.3	30.5	48.1	40.0	49.4	63.3	50.2	66.1
Duty-free:										
Argentina.....	2.7	3.2	3.3	2.3	2.3	1.5	2.0	1.8	1.3	1.7
Australia.....	.3	.1	.1	.3	.7	.3	.6	.7	.7	.7
Canada.....	-	-	-	-	.1	.2	.2	.5	.6	.8
New Zealand.....	15.9	16.2	15.0	20.2	18.0	15.1	21.7	23.8	21.5	23.4
Uruguay.....	-	-	-	-	-	.1	.1	.1	.1	.1
South Africa.....	.1	.2	.2	.1	.2	.2	.4	.5	.2	.1
United Kingdom.....	2.0	2.1	2.3	1.7	3.5	3.2	3.4	3.5	4.6	3.3
Other.....	1.7	1.6	1.1	1.4	1.3	.8	.2	-	.3	.3
Total.....	22.7	23.4	22.0	26.0	26.1	21.4	28.7	30.9	29.3	30.9
Grand total.....	59.0	50.4	42.3	56.5	74.3	61.4	78.1	94.2	79.5	97.0

¹ Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

² Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 438.—Wool: Number of sheep shorn, weight per fleece, production, by State

State	Sheep and lambs shorn ¹			Weight
	1984	1985	1986 ²	1984
	Thousands	Thousands	Thousands	Pounds
AK.....	1.7	2.5	1.8	10.6
AZ ³	281	276	281	7.2
CA ³	1,277	1,183	1,088	7.3
CO ³	930	815	810	7.2
CT.....	9.0	9.0	7.7	7.6
ID ³	340	300	278	9.6
IL ³	178	148	126	6.5
IN ³	109	101	91	6.8
IA ³	470	415	435	6.9
KS ³	255	243	223	6.9
KY.....	26	26	30	6.7
LA.....	9.6	9.8	9.1	5.9
ME.....	18	16	15	7.0
MD.....	15	14	17	7.0
MA.....	10	10	12	7.3
MI ³	106	104	100	7.8
MN ³	285	240	250	7.0
MO ³	132	102	101	7.2
MT ³	585	526	500	9.7
NE ³	226	195	175	7.5
NV ³	84	78	76	10.0
NH.....	12	11	10	7.2
NJ.....	9.0	9.0	9.0	6.8
NM ³	539	522	490	9.2
NY.....	55	54	53	7.2
NC.....	8.0	8.0	9.7	6.9
ND ³	200	185	157	9.6
OH ³	260	260	270	7.2
OK.....	115	85	90	7.0
OR ³	500	450	435	6.1
PA.....	97	85	99	6.7
SD ³	740	656	520	8.6
TN.....	6.0	8.8	9.7	6.8
TX ³	2,500	2,250	2,260	7.0
UT ³	548	498	468	9.9
VT.....	14	13	13	8.7
VA.....	120	145	219	6.8
WA.....	64	63	66	8.6
WV.....	80	74	79	5.7
WI.....	100	93	93	7.8
WY ³	970	925	835	9.1
US.....	12,284.3	11,158.6	10,802	7.77

See footnotes on page 285.

production, average price per pound received by farmers, and value of
a, by States, 1984-86

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Weight per fleece ^a			Shorn wool production			Price per pound			Value of production ^a		
1984	1985	1986 ^a	1984	1985	1986 ^a	1984	1985	1986 ^a	1984	1985	1986 ^a
Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dol- lars	1,000 dol- lars	1,000 dol- lars
10.6	8.0	10.6	18	20	19	100	50	67	18	10	13
7.2	7.0	7.0	2,017	1,925	1,977	51	51	53	1,029	982	1,048
7.3	7.4	7.4	9,382	8,647	8,229	81	63	66	7,599	5,448	5,431
7.2	6.7	6.6	6,690	5,487	5,331	78	62	68	5,218	3,402	3,625
7.6	7.0	7.1	68	63	55	61	59	51	41	37	29
9.6	9.9	9.7	3,254	2,967	2,683	87	64	67	2,831	1,892	1,796
6.5	6.8	7.3	1,162	1,005	922	58	43	45	674	432	415
6.8	6.5	6.8	737	680	617	50	41	41	309	271	253
6.9	6.9	7.0	3,262	2,848	3,054	54	42	45	1,761	1,196	1,374
6.9	6.7	6.7	1,770	1,620	1,502	67	49	51	1,186	794	766
6.7	7.0	6.8	174	182	203	54	45	44	94	82	89
5.9	6.9	6.4	57	68	58	54	50	55	31	34	32
7.0	7.3	7.2	126	117	108	66	69	59	83	81	64
7.0	7.6	7.3	105	106	124	75	57	68	79	60	84
7.3	7.1	7.1	73	71	85	67	62	59	49	44	50
7.8	7.5	7.6	823	775	764	54	44	46	444	241	351
7.0	7.0	6.5	1,965	1,675	1,629	54	44	45	1,072	737	733
7.2	7.0	7.1	944	711	715	58	43	46	548	306	329
9.7	10.6	10.5	5,700	5,587	5,225	91	67	74	5,187	3,743	3,867
7.5	7.3	6.8	1,692	1,415	1,192	61	49	51	1,032	693	606
10.0	10.2	10.0	840	796	760	89	62	68	748	494	517
7.2	6.6	7.1	86	73	71	78	64	59	67	47	42
6.8	6.7	6.9	61	60	62	68	54	65	41	32	40
9.2	9.2	9.0	4,975	4,819	4,313	87	72	75	4,328	3,470	3,235
7.2	7.2	7.1	396	389	376	72	52	59	285	202	222
6.9	7.0	6.8	55	56	66	70	51	58	39	29	38
9.6	9.2	9.6	1,919	1,704	1,509	70	55	58	1,343	987	875
7.2	7.4	7.2	1,868	1,921	1,956	35	45	46	1,927	864	900
7.0	7.6	7.1	800	646	640	61	50	54	483	323	346
6.1	6.5	6.5	3,058	2,924	2,825	73	55	61	2,232	1,608	1,723
6.7	6.7	6.9	650	570	683	70	50	62	455	285	423
8.6	8.5	8.4	6,360	5,592	4,372	74	60	62	4,706	3,355	2,711
6.8	6.5	6.4	41	57	62	73	52	61	30	30	38
7.0	7.2	7.3	17,500	16,200	16,400	92	82	81	16,100	13,284	13,284
9.9	9.6	10.0	5,427	4,793	4,668	84	61	66	4,559	2,924	3,061
6.7	6.9	7.2	94	90	94	71	66	64	67	59	60
6.3	5.5	5.0	756	798	1,104	76	57	60	575	455	662
8.6	8.5	8.1	550	536	533	74	52	60	407	279	330
5.7	5.8	5.8	456	429	453	79	58	65	360	249	296
7.3	7.3	7.2	734	683	672	54	43	44	396	234	296
9.1	9.6	9.9	8,906	8,866	8,240	94	66	66.8	8,278	5,852	6,262
7.77	7.88	7.81	95,471	87,941	84,356	* 79.5	* 63.3	* 66.8	75,876	55,657	56,331

CATTLE, HOGS, AND SHEEP, 1987

Table 439.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1972-86 ¹

Year	Goats clipped ¹	Average clip per goat	Mohair production	Price per pound	Value of production ²
	Thousands	Pounds	1,000 pounds	Dollars	1,000 dollars
1972	1,521	6.7	10,190	0.83	8,458
1973	1,450	6.8	9,930	1.87	18,569
1974	1,175	7.1	8,400	1.97	11,508
1975	1,215	7.1	8,600	1.85	15,910
1976	1,100	7.4	8,100	2.97	24,067
1977	1,215	6.5	8,000	2.87	22,960
1978	1,188	6.9	8,100	4.59	37,179
1979	1,275	7.3	9,200	5.10	47,430
1980	1,240	7.1	8,800	3.50	30,800
1981	1,300	7.5	10,100	3.50	35,350
1982	1,330	7.5	10,000	2.55	25,500
1983	1,360	7.8	10,600	4.05	42,930
1984	1,450	7.7	11,200	4.30	48,160
1985	1,730	7.7	13,300	3.45	45,885
1986	1,950	7.8	15,200	2.21	38,152

¹ The number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.² Production multiplied by price per pound.

National Agricultural Statistics Service.

Table 440.—Mohair: Price-support operations, United States, 1972-86

Marketing year	Price per pound		Average payment rate per pound ¹	Marketings covered by payments	Amount of payments ²
	Support	Season average received by producers			
	Cents	Cents	Cents	Million pounds	Million dollars
1972	80.2	81.4			
1973	80.2	187.0			
1974	80.2	137.0			
1975	80.2	185.0			
1976	80.2	297.0			
1977	149.8	287.0			
1978	164.7	429.0			
1979	194.3	510.0			
1980	290.3	350.0			
1981	371.8	350.0	21.8	8.3	1.9
1982	397.7	255.0	142.7	11.4	16.5
1983	462.7	405	57.7	11.5	6.3
1984	516.9	490	86.9	12.0	10.3
1985	443.0	345	98.0	13.0	12.2
1986	493.0	251	242.0	17.8	42.3

¹ Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.² Payments for mohair marketed during the year shown are made after Mar. 31 of the following year. Agricultural Stabilization and Conservation Service.

Table 441.—Red meat and lard: Production, by class of slaughter, United States, 1972–86

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total ¹			Federal-ly inspected	Other	Total ¹		
Beef					Pork, excluding lard					
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
1973.....	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
1974.....	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975.....	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976.....	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
1977.....	23,364	1,622	24,986	290	25,279	12,518	533	13,051	190	13,241
1978.....	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979.....	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980.....	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
1981.....	21,043	1,171	22,214	175	22,389	15,114	605	15,719	156	15,875
1982.....	21,334	1,032	22,366	170	22,536	13,657	464	14,121	106	14,229
1983.....	22,057	1,001	23,058	183	23,241	14,659	461	15,120	82	15,202
1984.....	22,509	907	23,416	180	23,596	14,282	438	14,720	92	14,812
1985.....	22,709	848	23,557	171	23,728	14,312	414	14,726	79	14,805
1986.....	23,456	757	24,213	158	24,371	13,618	380	13,998	65	14,063
Veal					Lamb and mutton					
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	283	146	429	30	459	515	19	533	10	543
1973.....	210	115	325	32	357	486	17	503	10	514
1974.....	285	167	442	44	486	440	14	454	11	465
1975.....	494	333	827	46	873	385	14	399	11	410
1976.....	563	250	813	40	853	349	12	361	10	371
1977.....	569	225	794	40	834	330	11	341	10	351
1978.....	447	153	600	32	632	290	10	300	9	309
1979.....	315	95	410	24	434	275	9	284	9	293
1980.....	296	83	379	21	400	299	11	310	8	318
1981.....	324	91	415	21	436	317	11	328	10	338
1982.....	341	82	423	25	446	347	9	356	9	365
1983.....	356	73	429	25	454	358	10	368	8	376
1984.....	408	71	479	16	495	362	10	372	8	380
1985.....	441	57	498	16	514	341	9	350	7	357
1986.....	455	54	509	15	524	322	8	330	7	337
All meat, excluding lard					Lard					
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	33,590	3,051	36,640	390	37,020	1,465	77	1,541	20	1,561
1973.....	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974.....	34,518	2,905	37,423	571	37,994	1,289	55	1,344	22	1,366
1975.....	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976.....	36,337	2,722	39,060	543	39,603	1,010	34	1,044	17	1,061
1977.....	36,781	2,391	39,172	539	39,711	984	27	1,011	16	1,027
1978.....	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979.....	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980.....	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217
1981.....	36,798	1,877	38,675	362	39,037	1,131	24	1,155	12	1,167
1982.....	35,680	1,586	37,266	312	37,578	892	18	910	9	919
1983.....	37,431	1,543	38,974	298	39,272	962	20	972	6	978
1984.....	37,561	1,426	38,987	296	39,283	911	18	929	7	936
1985.....	37,903	1,328	39,231	273	39,404	906	17	923	6	929
1986.....	37,851	1,199	39,050	245	39,296	855	14	869	5	874

¹ Totals are based on unrounded data.
National Agricultural Statistics Service.

Table 442.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, fiscal year, 1986 ¹

Product	Fiscal year 1986	Product	Fiscal year 1986
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Sliced/packaged product:	
Beef.....	296,540,784	Sausage, loaves, luncheon meat.....	1,047,225,961
Pork.....	3,691,348,088	Ham.....	443,793,669
Other meats.....	46,930,603	Beacon.....	1,548,453,961
Smoked, dried, or cooked:		Other.....	426,264,637
Bacon.....	1,559,632,266	Convenience foods (frozen and/or unfro-	
Hams.....	1,713,506,175	zen):	
Pork.....	451,193,952	Pizza.....	631,776,873
Beef.....	432,941,555	Pies.....	983,970,427
Other smoked.....	312,515,569	Dinners.....	253,356,906
Fresh/frozen products:		Entrees.....	565,261,938
Beef cuts.....	9,565,660,492	Other.....	372,130,662
Pork cuts.....	9,645,072,190	Miscellaneous meat products:	
Other cuts.....	616,584,884	Cured meat loaves.....	34,709,566
Beef, boned.....	9,267,191,725	Non-specific loaves.....	125,890,136
Pork, boned.....	3,713,726,159	Meat patties.....	488,672,161
Other, boned.....	220,511,175	Other formulated products.....	312,898,125
Steaks, chops, roasts (chopped/formed).....	2,314,926,465	Horse and equine products.....	35,572,273
Hamburger/ground beef.....	3,416,160,838	Animal food.....	61,527,606
Mechanically processed beef product.....	1,122,100	Total.....	60,096,550,617
Mechanically processed pork product.....	19,492,080		
Mechanically processed other product.....	729,000	Fats and oils:	
Other fresh/frozen.....	954,079,618	Lard, rendered.....	761,813,102
Sausages:		Lard, refined.....	535,120,500
Fresh.....	1,081,931,873	Tallow, edible.....	1,861,422,754
Uncooked cured.....	25,829,405	Compound containing animal fat.....	1,066,128,906
Dried/semi-dried.....	404,591,785	Oleomargarine containing animal fat.....	76,703,028
Frankfurters/wieners.....	1,362,321,949	Total.....	4,321,189,290
Bologna.....	606,254,312		
Liver sausage and braunschweiger.....	148,022,156	Total all products (includes canned).....	66,615,169,116
Other.....	887,808,265		

¹ Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

Table 443.—Canned meat products: Quantity produced under Federal inspection, United States, fiscal year, 1986 ¹

Product	Fiscal year 1986	Product	Fiscal year 1986
Luncheon meat.....	153,812,858	Byproducts, other than pickled.....	1,494,815
Canned hams.....	90,879,618	Miscellaneous sausage product.....	10,105,822
Hash products.....	79,199,587	Corned beef.....	1,099,764
Chili con carne.....	313,311,790	Soups.....	515,695,541
Viennas.....	91,917,212	Pork shoulder picnics and loins.....	1,543,343
Frankfurters and wieners.....	1,674,775	All other meat and/or meat byproducts	
Deviled ham.....	3,132,127	20% or more meat.....	122,785,491
Potted meat food products and spreads.....	29,569,505	All other meat and/or meat byproducts	
Tamales.....	20,552,461	under 20% meat.....	245,247,494
Sliced dried beef.....	228,139	Horse and equine products.....	9,901,490
Chopped beef, hamburgers.....	11,938,691	Animal food.....	4,853,250
Meat stew.....	143,728,509	Total.....	2,307,429,209
Pasta meat product.....	344,902,150		
Vinegar-pickled products.....	1,754,767		

¹ Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

Table 444.—Meat: Production by types in specified countries, 1985 and 1986 ¹

Continent and country	Beef and veal		Pork ²		Mutton, lamb, and goat meat		Total production	
	1985	1986 ³	1985	1986 ³	1985	1986 ³	1985	1986 ³
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:								
Canada.....	1,035	1,040	900	906			1,935	2,020
Mexico.....	1,339	1,200	865	910			2,204	2,110
United States.....	10,997	11,292	6,716	6,379	162	151	17,874	17,822
Total.....	13,371	13,532	8,481	8,197	162	151	22,013	21,880
South America:								
Argentina.....	2,740	2,850			98	86	2,838	2,906
Brazil.....	2,400	2,000	600	800			3,000	2,800
Colombia.....	683	679	117	115			800	794
Uruguay.....	342	358			50	76	392	434
Venezuela.....	324	307	117	136			441	443
Total.....	6,489	6,194	834	1,051	148	162	7,471	7,407
Central America and Caribbean:								
Costa Rica.....	91	99					91	99
Dominican Republic.....	60	57					60	57
El Salvador.....	21	23					21	23
Guatemala.....	55	45					55	45
Honduras.....	40	45					40	45
Nicaragua.....								
Panama.....	61	55					61	55
Total.....	328	324					328	324
Europe:								
Belgium and Luxembourg.....	332	331	726	745	8	8	1,066	1,084
Denmark.....	235	243	1,063	1,143		1	1,319	1,387
France.....	1,845	1,862	1,607	1,520	176	166	3,628	3,552
Germany, Fed. Rep. of.....	1,576	1,696	2,733	2,832	27	26	4,356	4,554
Greece.....	82	79	148	150	122	110	332	339
Ireland.....	449	480	136	127	48	47	633	654
Italy.....	1,205	1,180	1,067	1,170	70	67	2,342	2,417
Netherlands.....	494	546	1,340	1,449	11	8	1,845	2,000
United Kingdom.....	1,126	1,028	995	1,022	291	284	2,412	2,334
Total EC.....	7,344	7,445	9,855	10,160	754	717	17,953	18,322
Austria.....	223	232	401	399			624	621
Finland.....	125	124	171	173			296	297
Portugal.....	96	98	175	193	29	25	299	316
Spain.....	401	440	1,157	1,166	131	136	1,689	1,742
Sweden.....	157	147	332	309			489	456
Switzerland.....	171	170	285	286			456	456
Total other Western Europe.....	1,172	1,211	2,521	2,516	160	161	3,853	3,886
Bulgaria.....	165	160	395	395	112	113	672	668
Czechoslovakia.....	467	457	832	859	12	10	1,309	1,326
German Dem. Rep.....	369	420	1,252	1,235	17	18	1,638	1,673
Hungary.....	156	112	1,060	962	8	5	1,224	1,079
Poland.....	826	850	1,494	1,752	22	29	2,342	2,631
Romania.....	270	195	875	840	62	67	1,207	1,102
Yugoslavia.....	333	317	780	780	62	62	1,175	1,159
Total Eastern Europe ⁴.....	2,586	2,509	6,688	6,793	295	304	9,569	9,606
Total Europe.....	11,102	11,165	19,064	19,469	1,209	1,182	31,376	31,816
Soviet Union ⁵.....	7,370	7,700	5,855	5,900	880	870	14,105	14,470
Africa:								
Egypt.....	345	396			59	61	404	407
South Africa.....	638	616			219	196	857	814
Total.....	983	1,012			278	259	1,261	1,271

See footnotes at end of table.

Table 444.—Meat: Production by types in specified countries, 1985 and 1986¹—Continued

Continent and country	Beef and veal		Pork ²		Mutton, lamb, and goat meat		Total production	
	1985	1986 ³	1985	1986 ³	1985	1986 ³	1985	1986 ³
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia and Middle East:								
China.....	467	586	16,547	17,968			17,014	18,554
Hong Kong.....			32	29			32	29
India.....	340	363			499	517	839	880
Israel.....	38	38					38	38
Japan.....	565	559	1,531	1,552			2,096	2,111
Korea, Rep. of.....	161	208	347	322			508	580
Philippines.....	84	84	430	440			514	524
Saudi Arabia.....	18	18					18	18
Taiwan.....	4	4	831	868			835	872
Turkey.....	230	235			380	385	610	620
Total.....	1,897	2,095	19,718	21,179	879	902	22,494	24,176
Oceania:								
Australia.....	1,338	1,478	263	270	552	564	2,153	2,332
New Zealand.....	486	466			727	611	1,213	1,077
Total.....	1,824	1,944	263	270	1,279	1,195	3,366	3,409
Total selected countries ⁴	43,364	43,966	54,215	56,066	4,836	4,721	102,415	104,753

¹ Carcase weight basis; excludes offals, rabbit, and poultry meat.

² Preliminary.

³ Includes edible pork fat, but excludes lard and inedible grossens (except United States).

⁴ Official CEMA data (includes fats and offals) with adjustments for live animal trade.

⁵ Slaughter weight basis (includes fats and offals) used in official Soviet Union statistics.

⁶ Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors Attachés, and Foreign Service Officers, results of office research, and related information.

Table 445.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1985 and 1986

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1985 ¹	1986	1985 ¹	1986	1985 ¹	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	375,128	318,438	291,925	235,279	7,339	11,615
February.....	347,023	302,520	286,323	239,138	6,840	13,813
March.....	333,953	297,102	314,114	253,504	6,547	11,811
April.....	328,049	301,236	268,166	281,951	7,644	12,754
May.....	300,938	318,498	410,289	275,639	8,968	12,742
June.....	295,509	321,647	385,017	347,061	8,981	14,068
July.....	319,651	336,980	343,131	214,852	9,198	14,318
August.....	310,588	319,418	294,713	184,681	9,541	15,459
September.....	308,262	291,614	276,950	185,904	9,237	14,450
October.....	294,906	292,324	277,478	215,824	10,033	14,641
November.....	302,256	297,482	265,009	206,160	12,535	13,843
December.....	317,436	310,554	229,417	197,064	12,706	12,603

¹ Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

National Agricultural Statistics Service.

Table 446.—Meat: United States exports by type of product, 1972-86

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	Pork							Sausage, Bologna, and frankfurters	Variety meats, fresh or frozen	Other meats	Total ¹
	Fresh or frozen	Canned	Pickled or cured		Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Other pork, canned						
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972	19,825		4,033	586	36,798	1,526	1,531	3,983	1,243	1,809	115,238	5,474	191,798		
1973	32,380		3,500	787	65,071	2,768	1,015	2,857	1,178	2,562	172,860	7,176	247,164		
1974	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,229	9,017	212,512		
1975	20,364		329	1,905	82,028	4,155	575	3,709	686	2,237	133,188	5,660	254,237		
1976	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890		
1977	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106		
1978	51,710	2,296	1,263	1,875	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095		
1979	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	163,930	4,664	331,946		
1980	55,003	1,995	2,505	595	69,966	3,327	820	8,438	1,667	3,295	200,417	7,427	355,454		
1981	65,608	2,826	3,235	972	86,652	2,363	1,079	9,130	1,662	3,819	208,981	7,949	397,870		
1982	78,781	3,928	3,858	676	58,541	1,358	774	7,514	1,289	3,404	230,344	5,291	394,857		
1983	86,962	1,584	4,500	632	62,141	1,794	601	5,581	695	3,139	218,311	3,795	389,735		
1984	105,995	1,936	3,598	878	46,098	1,474	621	3,837	513	2,603	217,019	3,607	388,177		
1985	105,792	1,134	2,603	460	34,394	1,175	450	4,066	638	2,908	247,582	4,383	405,585		
1986 ²	179,434	918	4,052	558	20,969		474	4,796	349	3,214	249,460	4,214			

¹ May not add due to rounding.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 447.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1981-86 ¹

Country of origin	1981	1982	1983	1984	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada	120,603	124,680	129,908	166,207	187,762	169,947
Mexico	1,586	451	1,318			
Bolivia	112				263	189
Guatemala	10,632	5,237	19,066	18,351	28,229	7,731
El Salvador	370	2,568	3,267	2,777	1,664	649
Honduras	48,792	31,737	34,102	22,317	15,116	20,824
Nicaragua	17,968	23,248	28,094	7,793	3,914	
Costa Rica	64,089	45,525	33,427	38,270	54,660	68,965
Panama	4,511	4,419	1,900	1,277	118	90
Haiti	2,783	882	662	87	46	
Dominican Republic	10,997	10,244	8,017	1,892	18,860	25,106
Guam					531	343
Sweden				2,029	3,444	7,006
Australia	586,979	714,837	601,135	542,774	595,692	668,294
New Zealand	355,854	348,761	367,877	328,248	398,576	364,016
European Community	11,398	7,004	11,223	9,706	9,725	6,172
Total ²	1,224,326	1,319,594	1,240,066	1,141,471	1,318,600	1,339,334

¹ Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats.² May not add due to rounding.

Foreign Agricultural Service.

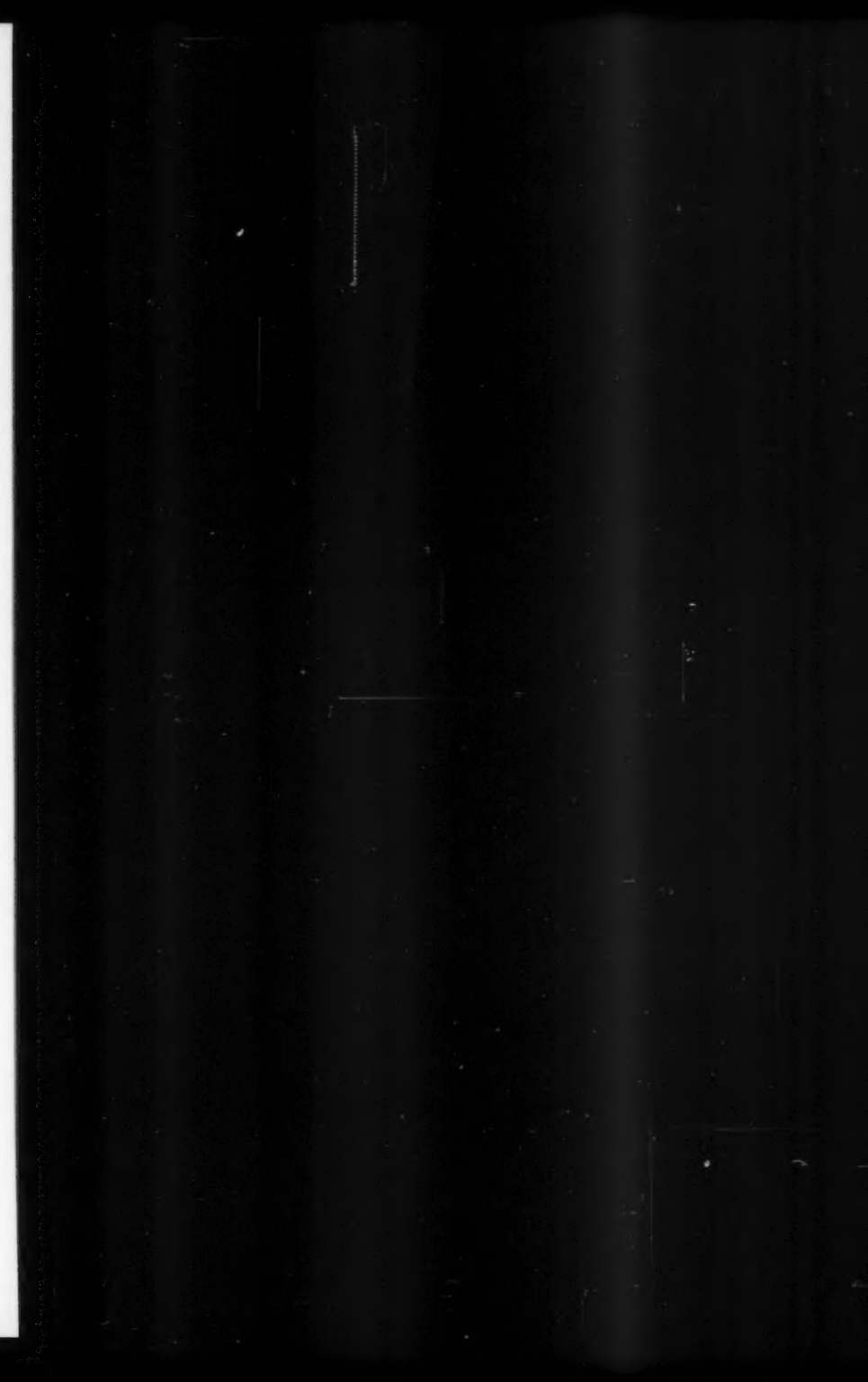


Table 448.—Meat: United States imports, prod

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Fresh and frozen
	Fresh or frozen	Canned, including sausage	Other prepared or preserved		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina.....	0	94	16,974	0	0
Australia.....	316,344	21,196	77	9,307	349
Brazil.....	0	21,272	1,217	0	0
Canada.....	78,406	218	99	3	207,724
Costa Rica.....	35,380	0	20	0	0
Denmark.....	1,934	30	862	0	46,777
Dominican Republic.....	12,374	0	0	0	0
El Salvador.....	681	0	0	0	0
Germany, Fed. Rep. of.....	0	28	13	0	0
Guatemala.....	4,701	0	0	0	0
Haiti.....	18	0	0	0	0
Honduras.....	10,263	0	0	0	0
Hungary.....	0	0	75	0	0
Ireland.....	1,433	0	0	0	0
Mexico.....	1,219	0	0	0	0
New Zealand.....	171,469	144	147	7,378	1
Netherlands.....	0	0	0	0	0
Nicaragua.....	0	0	0	0	0
Panama.....	41	0	0	0	17
Poland.....	0	16	0	0	0
Romania.....	0	0	0	0	0
Uruguay.....	0	2,445	1,233	0	0
United Kingdom.....	56	0	0	0	53
Yugoslavia.....	0	5	0	0	0
Other.....	3,398	332	41	8	8,566
Total ¹	687,717	45,780	20,778	16,596	263,487

¹ May not add due to rounding.
n.s.f.—Not provided for.

products weight basis, by country of origin, 1986

and en	Pork			Mixed sausage	Other meats n.s.p.f.	Variety meats, fresh or frozen	Total
	Canned	Other prepared or preserved	Sausage, all types				
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
0	0	0	0	0	381	0	17,449
349	18	0	0	1	296	1,546	349,304
0	18	0	0	31	284	0	22,822
7,724	3,697	4,507	1,486	650	552	3,598	300,940
0	0	0	0	0	0	0	85,400
6,777	76,417	593	843	1,940	4,264	331	134,011
0	0	0	0	0	0	0	12,374
0	0	0	0	0	0	0	681
0	1,585	114	27	149	73	0	1,339
0	0	0	0	0	0	0	4,701
0	0	0	0	0	0	0	18
0	0	0	0	0	0	0	10,283
0	12,770	2,501	220	48	81	0	15,696
0	0	0	0	0	0	0	1,433
0	0	0	0	0	0	6	1,225
1	0	0	0	0	42	446	179,627
0	3,394	0	12	6	1,236	0	4,548
0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	58
0	26,622	0	0	0	37	0	26,675
0	3,496	0	25	0	0	0	3,524
0	0	0	0	0	78	0	3,756
53	18	0	0	0	7	0	134
0	8,497	0	9	7	5	0	8,523
8,566	5,336	506	17	17	1,216	549	19,986
3,487	151,780	8,221	2,640	2,849	8,512	6,476	1,164,786

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

MEAT

Table 449.—Meat: United States imports by type of product, 1972-86

Year	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f.	Variety meats, fresh or frozen	Total ¹
	Fresh or frozen	Canned, including sausage	Other prepared or preserved		Fresh and frozen	Canned	Other prepared or preserved	Sausage, all types				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,310	6,937	3,570	906,206
1973.....	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974.....	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975.....	549,087	28,937	15,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,387
1976.....	587,404	53,902	30,579	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977.....	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978.....	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979.....	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637
1980.....	642,268	42,729	17,799	15,482	93,143	96,529	1,990	2,929	2,230	5,957	4,562	927,618
1981.....	544,610	34,932	23,303	14,384	98,226	94,102	1,436	1,935	2,103	7,896	3,560	826,547
1982.....	607,184	37,747	17,402	8,649	125,282	96,831	1,547	2,372	2,242	7,373	2,823	909,452
1983.....	565,997	59,073	16,766	8,752	121,707	125,593	2,300	2,176	1,911	8,396	3,935	916,604
1984.....	516,960	57,863	19,864	8,693	207,703	142,423	3,373	2,243	2,121	7,129	5,707	974,078
1985.....	594,476	64,277	18,314	15,565	254,538	160,802	6,312	2,192	2,672	9,163	5,622	1,133,933
1986 ²	637,717	45,780	20,778	16,596	263,487	151,730	8,221	2,640	2,849	8,512	6,476	1,164,786

¹ May not add due to rounding.² Preliminary.

n.s.p.f.—Not provided for.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 450.—Meat: International trade, selected countries, 1984-86 ¹

Continent and country	1984		1985		1986 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada.....	280	130	313	132	328	116
Costa Rica.....	27		27		29	
Dominican Republic.....	1		8		9	
El Salvador.....	1		1		2	
Guatemala.....	10		19		9	
Honduras.....	10		10		15	
Mexico.....	1	1	1	8	1	3
Panama.....	1		0		0	
United States.....	227	1,280	210	1,476	284	1,482
Total ³	560	1,411	598	1,616	677	1,601
South America:						
Argentina.....	266	1	271		230	
Brazil.....	483	20	540	48	435	250
Colombia.....	5		4		5	
Uruguay.....	142		131		151	
Venezuela.....	4	6	0	1	5	1
Total ³	900	27	946	49	826	251

See footnotes at end of table.

Table 450.—Meat: International trade, selected countries, 1984-86 ¹—Continued

Continent and country	1984		1985		1986 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:						
Belgium-Luxembourg	370	79	340	79	385	73
Denmark	952	8	958	14	1,028	18
France	489	711	503	780	523	869
Germany, Fed. Rep. of	561	796	550	843	609	722
Greece		194	0	208		221
Ireland	301	30	370	26	460	28
Italy	134	823	176	948	197	943
Netherlands	1,066	105	1,158	116	1,218	126
United Kingdom	344	1,015	284	955	290	865
Portugal		6	0	28		24
Spain	15	36	3	36	7	55
Total EC	4,232	3,803	4,342	4,013	4,677	4,089
Austria	43	6	64	2	61	3
Finland	40		40		36	
Sweden	98	11	110	13	76	13
Switzerland	3	21	4	15	3	14
Total Western Europe ³	4,416	3,841	4,560	4,043	4,853	4,119
Bulgaria	52	1	43	1	43	1
Czechoslovakia	113	15	96	15	88	15
German Dem. Rep.	249		250	0	256	
Hungary	280	7	222	3	171	3
Poland	68	107	90	48	100	29
Romania	177	5	270	0	225	0
Yugoslavia	98	42	97	24	83	45
Total Eastern Europe ³	1,037	177	1,060	91	966	84
Total Europe ³	5,453	4,018	5,620	4,134	5,819	4,203
Soviet Union ⁴	27	691	30	587	36	570
Africa:						
Egypt		242	0	146		156
South Africa	2	22	2	32	3	30
Total ³	2	264	2	168	3	176
Asia:						
China	273		263	0	292	
Hong Kong	0	238		259		263
India	62		65	0	76	
Israel		43	0	47		46
Japan		636	0	647		665
Korea, Rep. of	11	39	15	19	14	14
Philippines		1	1	2		3
Saudi Arabia		33	0	55		55
Singapore		22		0		
Taiwan	73	29	96	33	105	36
Turkey	65		39	37	45	29
Total ³	484	1,097	480	1,099	533	1,102
Oceania:						
Australia	747		860	0	922	
New Zealand	815	2	876	0	784	
Total ³	1,562	2	1,736	0	1,706	
Total selected countries ³	8,988	7,510	9,412	7,653	9,599	7,903

¹ Carcase weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals and live animals. ² Preliminary. ³ Totals may not add due to rounding. ⁴ Estimate based on trading partner data. Reported on product weight bases.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 451.—Meats and lard: Production and civilian consumption, United States, 1972-86¹

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1972.....	22,413	23,956	115.5	458	464	2.2	543	684	3.3
1973.....	21,278	22,814	108.8	357	376	1.8	512	556	2.7
1974.....	23,137	24,488	115.7	486	493	2.3	464	482	2.3
1975.....	23,975	25,397	118.8	873	876	4.1	411	431	2.0
1976.....	25,969	27,538	127.5	852	853	4.0	371	396	1.8
1977.....	25,279	27,047	124.0	833	835	3.8	350	370	1.7
1978.....	24,241	24,998	117.9	631	645	2.9	310	343	1.5
1979.....	21,447	22,521	105.5	435	450	2.0	291	332	1.5
1980.....	21,643	22,319	103.4	400	410	1.8	318	344	1.5
1981.....	22,389	23,756	104.2	436	438	1.9	337	360	1.6
1982.....	22,536	23,998	104.3	448	457	2.0	365	381	1.6
1983.....	23,243	24,710	106.2	453	457	2.0	375	388	1.7
1984.....	23,596	24,900	106.0	495	503	2.1	379	398	1.7
1985.....	23,728	25,342	106.9	515	526	2.2	358	385	1.6
1986.....	24,371	25,823	107.9	524	543	2.3	388	375	1.6

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1972.....	14,422	14,712	70.9	37,836	39,816	191.9	1,559	792	3.8
1973.....	13,223	13,296	63.4	35,370	37,044	176.7	1,253	705	3.4
1974.....	14,331	14,493	68.5	38,418	39,958	188.8	1,366	681	3.2
1975.....	11,779	11,852	55.4	37,038	38,556	180.3	1,012	633	3.0
1976.....	12,688	12,667	58.6	39,880	41,456	191.9	1,081	585	2.7
1977.....	13,248	13,202	60.5	39,710	41,454	190.1	1,037	510	2.3
1978.....	13,393	13,293	60.3	38,575	40,278	182.7	1,006	486	2.2
1979.....	15,450	15,353	68.8	37,623	39,687	177.8	1,155	584	2.6
1980.....	16,616	16,574	73.5	38,977	40,648	180.2	1,217	594	2.6
1981.....	15,872	15,927	69.9	39,034	40,481	177.6	1,167	578	2.5
1982.....	14,229	14,425	62.7	37,573	39,261	170.6	919	584	2.5
1983.....	15,199	15,369	66.1	39,270	40,924	175.9	977	490	2.1
1984.....	14,812	15,396	65.6	39,284	41,197	175.4	935	491	2.1
1985.....	14,807	15,651	66.0	39,408	41,908	176.8	929	422	1.8
1986.....	14,063	14,925	62.4	39,651	41,668	174.1	874	412	1.7

¹ Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

Economic Research Service.

Table 452.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1972-86¹

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork ²	All meat	Beef	Veal	Lamb and mutton	Pork ²	All meat
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972.....	124	7	236	367	1,960	36	148	538	2,682
1973.....	152	6	279	437	1,990	31	53	533	2,607
1974.....	130	8	204	342	1,815	31	26	488	2,160
1975.....	124	8	317	449	1,758	24	27	439	2,248
1976.....	170	7	422	599	2,073	22	36	469	2,600
1977.....	181	6	399	586	1,839	24	22	439	2,424
1978.....	221	4	421	646	2,297	25	39	495	2,856
1979.....	221	3	448	672	2,405	26	44	499	2,974
1980.....	224	4	406	634	2,964	21	33	550	2,668
1981.....	258	5	452	715	1,743	18	31	541	2,333
1982.....	310	4	365	679	1,939	19	19	612	2,589
1983.....	317	3	361	682	1,931	19	19	702	2,670
1984.....	383	5	311	699	1,823	24	20	954	2,821
1985.....	384	3	259	646	2,071	29	36	1,128	3,255
1986.....	579	3	218	801	2,129	27	41	1,122	3,919

¹ Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, Guam, and Wake Island, 1968-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

² The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 451.)

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce, those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 453.—Hides, packer: Average price per hundred pounds, Central U.S., 1972-86

Year	Steers					Cows/heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy native	Light native	Branded
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1972.....	29.79			27.42	26.02	30.12	34.76	28.21
1973.....	33.78			28.83	26.24	34.14	38.72	29.01
1974.....	23.38			19.77	18.13	23.46	27.19	19.61
1975.....	22.25			20.67	18.82	21.60	23.80	17.51
1976.....	36.11			32.41	31.23	36.25	40.65	33.02
1977.....	37.29			36.21	34.75	39.21	51.00	36.04
1978.....	46.54			41.83	42.64	45.55	51.42	45.24
1979.....	72.68	88.95		66.94	62.51	76.38	88.89	68.74
1980.....	45.70	50.85	44.15	42.33	38.95	47.07	54.02	43.44
1981.....	44.19	50.30	44.18	42.19	40.19	46.07	52.38	42.99
1982.....	42.31	49.82	41.33	39.82	37.17	45.10	49.41	41.78
1983.....	50.21	57.55		46.05	45.02	53.48	60.72	51.14
1984.....	61.02		57.90	58.46	54.02	67.02		64.98
1985.....	54.69		54.59	51.24	49.83	57.55	61.56	55.00
1986.....	64.09		63.60	61.32	59.40	68.06	68.78	60.64

Agricultural Marketing Service.

Table 454.—Hides and skins: United States imports and exports, 1972-86

Year	Imports				Exports			
	Calf and kip	Cattle ¹	Goat and kid	Sheep and lamb ²	Calf	Kip	Cattle ²	Sheep and lamb ²
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1972.....	261	292	3,355	16,852	1,621	451	17,578	5,872
1973.....	437	709	1,624	12,894	1,608	279	16,866	5,792
1974.....	439	620	583	15,732	1,802	365	18,429	4,897
1975.....	222	959	879	15,520	2,051	352	21,269	4,571
1976.....	93	962	1,255	16,615	1,657	505	25,270	3,499
1977.....	91	932	1,137	15,468	2,052	447	24,484	836
1978.....	179	704	1,762	17,807	2,079	351	24,792	* 1,444
1979.....	126	673	2,444	15,529	1,970	352	23,731	2,270
1980.....	64	880	519	9,027	2,205	290	19,568	1,675
1981.....	99	1,028	821	14,237	2,542	485	19,703	1,232
1982.....	118	657	661	8,374	2,919	459	23,168	2,429
1983.....	138	664	222	7,935	2,204	442	21,861	2,003
1984.....	121	711	412	7,424	2,112	478	25,889	3,197
1985.....	173	1,044	388	6,259	2,234	496	25,426	2,538
1986 ⁴	178	767	426	5,516	2,419	634	26,828	2,496

¹ Excludes pieces of cattle hides reported in units of pounds.² Includes cabretta and hair sheepskins.³ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.⁴ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 455.—Hides and skins: United States imports by country of origin, 1984-86

Country of origin	1984	1985	1986 ¹	Country of origin	1984	1985	1986 ¹
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: ²				Sheep and lamb: ²			
Canada.....	609	883	595	Afghanistan.....	48	14	0
Honduras.....	7	3	0	Ethiopia.....	506	126	296
Other countries.....	35	158	172	United Kingdom.....	5	47	107
Total.....	711	1,044	767	South Africa.....	81	58	12
Calf and kip:				Iran.....	463	718	356
Canada.....	165	114	135	Australia.....	35	29	190
Other countries.....	16	59	43	New Zealand.....	4,788	3,747	3,134
Total.....	121	173	178	Germany, Fed. Rep. of.....	12	32	0
Goat and kid:				France.....	134	182	223
Afghanistan.....		4	0	Argentina.....		1	9
Haiti.....	53	35	0	Canada.....	133	131	180
Ethiopia.....	36	60	5	Sudan.....	718	683	572
Indonesia.....	195	112	0	Nigeria.....	253	224	176
Iran.....	29	29	0	Other countries.....	248	269	262
China.....	12	0	169	Total.....	7,424	6,261	5,516
Other countries.....	87	138	252				
Total.....	412	388	426				

¹ Preliminary.² Excludes pieces of cattle hides reported in units of pounds.³ Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 456.—Hides and skins: United States exports by country of destination, 1984-86

Country of destination	1984	1985	1986 ¹	Country of destination	1984	1985	1986 ¹
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: ²				Calf skins:			
Canada.....	1,145	796	715	Canada.....	55	78	135
Mexico.....	1,888	2,309	1,042	Mexico.....	655	643	211
France.....	316	220	277	Czechoslovakia.....	0	3	0
Germany, Fed. Rep. of.....	256	125	85	Germany, Fed. Rep. of.....	4	4	16
Italy.....	1,243	1,169	1,299	Italy.....	242	97	272
Spain.....	540	340	255	Korea, Rep. of.....	21	12	9
Romania.....	1,088	1,168	704	Spain.....	30	1	6
Taiwan.....	2,765	2,831	3,598	Japan.....	912	1,125	1,380
Korea, Rep. of.....	5,447	6,453	9,418	Other countries.....	203	271	390
Japan.....	7,394	6,835	6,684	Total.....	2,112	2,234	2,419
Czechoslovakia.....	669	418	523				
Other countries.....	3,138	2,764	2,228	Kipskins:			
Total.....	25,889	25,428	26,828	Canada.....	11	12	62
				Korea, Rep. of.....	3	6	9
Sheep and lamb skins: ³				Italy.....	39	0	104
Canada.....	57	47	25	Germany, Fed. Rep. of.....	3	0	0
Japan.....	328	255	213	Hungary.....	14	7	18
Brazil.....	13	0	27	Japan.....	186	153	267
Germany, Fed. Rep. of.....	237	56	43	Other countries.....	276	308	174
Italy.....	1,248	1,019	1,360	Total.....	476	486	634
United Kingdom.....	264	223	139				
Poland.....	117	60	79				
Other countries.....	913	878	1,550				
Total.....	3,197	2,538	3,436				

¹ Preliminary.² Excludes pieces of cattle hides reported in units of pounds.³ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 457.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1975-87 ¹

[1977=100]

Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry
1975.....	107	107	103	101	1982.....	96	96	103	103
1976.....	103	103	101	100	1983.....	95	94	103	101
1977.....	100	100	100	100	1984.....	94	94	104	97
1978.....	96	96	99	102	1985.....	90	90	102	99
1979.....	93	92	99	106	1986.....	* 87	87	105	* 98
1980.....	94	94	99	108	1987 ³	* 84	84	99	* 98
1981.....	96	96	101	106					

¹ For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. Index computations for Jan. 1 uses turkey breeder hens, all chickens (excluding commercial broilers), and hogs and pigs on hand Dec. 1 preceding year.² Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.³ Preliminary.⁴ Excludes turkey breeder hens due to discontinued estimates.

National Agricultural Statistics Service.

Table 458.—Mink pelts: Number produced by

State	Stand- ard	Ranch wild	Demi- buff ¹	Pastel	Pale brown	
	Number	Number	Number	Number	Number	Number
GA.....	(²)		(²)			
ID.....	58,800	43,500	66,400	26,400	(²)	
IL.....	79,000	(²)	9,500	(²)		
IN.....	11,600	(²)	(²)	900		
IA.....	59,700	7,500	15,900	20,000	(²)	
MA.....	2,500	(²)	(²)	1,200		
MI.....	57,500	19,200	19,300	11,000		
MN.....	190,600	167,700	54,300	46,900	(²)	
NY.....	54,000	(²)	5,600	9,500	(²)	
OH.....	55,100	7,300	22,400	8,300	400	
OR.....	80,100	(²)	14,500	5,900		
PA.....	16,100	9,200	27,600	11,200		
SD.....	14,600	44,100	7,200	5,800	(²)	
UT.....	241,400	32,800	87,700	20,500		
WA.....	109,200	(²)	47,200	4,900		
WI.....	528,700	56,100	89,700	95,400	3,200	
Other States.....	50,900	4,500	81,000	11,300	1,000	
US.....	1,610,900	414,400	571,800	289,300	6,600	

¹ Demi-buff includes Dark brown, Violet, Pastel, Standard, Pearl crosses and others. M² Included in total to avoid disclosing individual operations.

National Agricultural Statistics Service.

ed by color class, major States, and United States, 1986 ¹

Number	Sap- phire	Gun- metal	Mahog- any	Pearl	Laven- der Hope	Pink	Violet type	White	Miscel- laneous and unclas- sified	Total pelts
Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
(*)	1,600	2,500	32,600	6,500		(*)	400	6,000	(*)	25,800
	(*)	(*)	(*)	7,000		(*)	(*)	(*)		244,700
	(*)		(*)	(*)			(*)			189,000
(*)	4,800	4,500	6,300	21,200			10,400	(*)	1,500	17,100
	(*)	(*)	8,100	8,100			(*)			152,600
	(*)	(*)	16,600	8,700	(*)	(*)	13,200	7,300	(*)	11,800
(*)	5,700	14,000	26,300	12,900	(*)	(*)	9,700	16,100	200	154,500
(*)	(*)	(*)	9,600	6,200	(*)	(*)	5,900	(*)		568,000
400	3,300	1,000	10,400	2,100		(*)	2,500	(*)	(*)	104,000
	22,500	70,200	15,900			(*)	15,600	(*)		113,000
	11,600	18,500	(*)	6,200		10,300	6,900	(*)	3,200	227,000
(*)	(*)	(*)	14,900	11,300		(*)	(*)	(*)	(*)	138,100
	10,400	25,100	35,700	12,500	200		13,100			106,000
	(*)	42,700	3,100	(*)			(*)			479,400
200	24,000	31,300	90,100	27,800	11,900	28,500	49,800	96,200		217,300
000	800	2,000	21,000	2,900	800	4,500	1,300	3,800	700	1,132,800
										186,500
600	91,400	219,200	366,400	129,200	17,100	80,100	132,500	142,000	6,700	4,077,600

chra. Mahogany was added as a separate color class and platinum was dropped.

Table 459.—Mink farms, pelts produced and value of mink pelts, United States, 1972-1986

Year	Mink farms	Pelts produced	Average marketing price	Value of mink pelts
	Number	Thousand	Dollars	Million dollars
1972	1,380	2,965	(¹)	(¹)
1973	1,329	3,037	(¹)	(¹)
1974	1,221	3,128	(¹)	(¹)
1975	1,064	3,067	24.10	73.9
1976	1,015	3,026	29.00	87.8
1977	1,040	3,076	28.80	87.1
1978	1,095	3,168	29.30	132.0
1979	1,105	3,294	41.10	139.5
1980	1,122	3,501	35.30	123.6
1981	(²)	(²)	32.20	(²)
1982	1,116	4,085	28.90	118.1
1983	1,098	4,137	29.90	123.7
1984	1,064	4,220	30.80	130.0
1985 ³	1,042	4,170	28.00	116.8
1986	977	4,078	38.90	158.6

¹ Data not available prior to 1975.² Data not available for 1981.³ Revised, based on additional information.

National Agricultural Statistics Service.

Table 460.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1972-86

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1972	32,267	97.0	2,421	17.4	9,905	44.3	146	78,759	155.7	65	.....	.....
1973	30,521	91.8	1,808	18.3	9,234	48.6	87	72,264	145.6	165	.....	.....
1974	33,319	100.1	2,355	16.4	8,556	37.3	72	77,071	155.2	207	.....	.....
1975	36,904	111.0	3,894	26.6	7,552	32.9	49	64,926	131.2	247	.....	.....
1976	38,992	117.0	4,438	30.8	6,474	27.9	41	70,454	140.4	293	.....	.....
1977	38,717	121.9	4,696	63.3	6,123	31.5	45	0.3	74,019	198.9	317	3.0
1978	36,948	143.0	3,620	54.9	5,169	41.3	45	6	74,139	237.8	323	2.1
1979	31,504	111.8	2,499	89.4	4,833	38.1	63	7	85,425	291.1	304	1.9
1980	31,642	108.2	2,294	33.0	5,363	31.9	98	9	91,882	318.7	274	1.7
1981	32,819	110.9	2,478	31.2	5,789	36.8	63	5	87,851	279.2	219	1.3
1982	33,907	121.3	2,729	37.8	6,273	57.1	84	1.2	79,328	247.8	149	.9
1983	34,816	122.9	2,798	36.1	6,412	31.3	79	5	84,762	189.1	99	.7
1984	35,880	139.5	3,030	41.3	6,549	36.0	119	1.1	82,478	202.9	105	.5
1985	34,765	122.6	3,168	44.1	5,976	29.8	124	8	81,974	179.1	128	.7
1986	35,913	132.1	3,195	51.9	5,464	22.9	153	1.0	77,290	168.9	199	1.0

¹ Condemnations for 1972-76 do not include ante-mortem cases of parts of carcasses. Beginning with 1977, condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

National Agricultural Statistics Service.

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 461.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1972-87

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1972.....	11,776	3,828	1980.....	10,758	4,159
1973.....	11,622	3,872	1981.....	10,849	4,342
1974.....	11,297	3,941	1982.....	10,986	4,547
1975.....	11,220	4,087	1983.....	11,047	4,545
1976.....	11,071	3,956	1984.....	11,109	4,532
1977.....	10,998	3,887	1985.....	10,805	4,760
1978.....	10,896	3,886	1986.....	11,177	4,761
1979.....	10,790	3,932	1987 ¹	10,547	4,335

¹ Preliminary.

National Agricultural Statistics Service.

Table 462.—Milk cows rations: Quantities and value of concentrates fed, by States, 1985 and 1986

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1985	1986
	1985	1986	1985	1986		
	Pounds	Pounds	Pounds	Pounds	Dollars	Dollars
AL.....	5,680	6,250	51	52	7.76	7.57
AK.....	5,830	6,870	42	48	13.50	13.00
AZ.....	7,210	7,480	46	47	7.14	6.72
AR.....	5,830	6,000	55	54	7.50	6.98
CA.....	6,850	7,490	41	44	7.42	6.78
CO.....	5,810	6,390	41	43	6.90	6.14
CT.....	5,010	5,300	38	38	7.86	7.54
DE.....	5,430	5,480	38	38	7.81	7.76
FL.....	10,480	10,100	89	84	7.71	6.52
GA.....	5,870	6,010	51	52	7.54	7.31
ID.....	5,550	5,340	39	37	6.67	5.96
IL.....	5,030	5,300	42	41	7.90	7.04
IN.....	5,140	5,230	43	43	8.14	7.82
IA.....	4,840	4,750	42	41	7.05	6.66
KS.....	5,690	5,630	50	46	6.60	5.95
KY.....	4,810	4,920	50	46	7.62	7.17
LA.....	5,310	5,440	56	57	7.96	7.65
ME.....	4,770	4,790	39	38	8.68	8.38
MD.....	5,420	5,030	41	38	8.22	8.00
MA.....	4,880	4,830	37	37	8.30	7.90
MI.....	6,220	6,270	44	44	6.38	6.22
MN.....	4,980	5,120	42	43	6.36	6.11
MS.....	4,830	5,300	48	52	7.64	7.24
MO.....	6,190	6,580	50	51	7.19	6.71
MT.....	5,110	5,120	41	41	7.20	6.73
NE.....	5,530	5,630	45	45	6.50	6.24
NV.....	5,660	5,050	40	35	7.90	7.30
NH.....	4,900	5,040	39	38	8.44	7.94
NJ.....	4,360	4,420	34	33	8.81	8.28
NM.....	7,400	7,280	46	44	6.64	5.90
NY.....	4,210	4,220	34	34	8.16	7.98
NC.....	5,870	6,020	43	43	8.10	8.05
ND.....	4,990	4,760	45	43	5.26	4.84
OH.....	5,150	5,280	41	41	7.32	6.91
OK.....	5,270	4,930	49	46	7.10	6.52
OR.....	5,610	5,500	39	37	8.32	7.72
PA.....	5,138	5,250	38	38	7.96	7.69
RI.....	4,780	4,990	38	38	8.06	7.70
SC.....	5,720	6,010	47	50	7.79	7.54
SD.....	5,060	5,190	46	47	6.16	6.00
TN.....	4,900	4,940	46	46	8.20	8.02
TX.....	6,720	6,580	54	52	7.46	6.96
UT.....	5,610	5,560	41	38	6.88	6.38
VT.....	4,740	4,750	36	35	8.50	8.26
VA.....	4,610	5,140	36	38	8.46	8.34
WA.....	6,250	6,390	37	36	7.62	7.18
WV.....	4,490	4,320	40	38	8.40	8.33
WI.....	5,000	5,010	38	37	7.03	7.03
WY.....	4,390	4,490	38	37	6.32	6.04
US.....	5,427	5,546	41.8	41.7	7.35	7.00

National Agricultural Statistics Service.

Table 463.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1986, and 1987

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1986	1987 ¹	1986	1987 ¹		1986	1987 ¹	1986	1987 ¹
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
AL.....	48	43	14	13	NE.....	112	108	35	30
AK.....	2.1	2.4	.6	.8	NV.....	19	19	6	8
AZ.....	88	87	21	20	NH.....	29	27	15	11
AR.....	78	62	33	22	NJ.....	38	35	18	13
CA.....	1,030	990	490	470	NM.....	68	61	28	22
CO.....	82	78	85	26	NY.....	968	914	430	390
CT.....	47	40	23	15	NC.....	127	114	43	35
DE.....	10	11	3	2	ND.....	102	92	36	33
FL.....	185	178	86	55	OH.....	390	370	165	160
GA.....	119	100	41	38	OK.....	113	107	30	40
HI.....	11	12	5	5	OR.....	102	92	57	49
ID.....	174	162	82	68	PA.....	747	735	290	294
IL.....	230	215	107	95	RI.....	44	46	18	1.1
IN.....	205	201	102	90	SC.....	162	149	42	16
IA.....	360	308	145	125	SD.....	210	203	100	85
KS.....	115	112	45	43	TN.....	322	325	140	100
KY.....	234	223	82	75	TX.....	82	74	44	36
LA.....	96	89	31	28	UT.....	186	178	73	63
ME.....	54	49	28	20	VA.....	165	150	78	82
MD.....	124	125	53	48	WA.....	223	201	115	80
MA.....	46	38	15	13	WV.....	34	32	15	10
MI.....	397	370	192	187	WI.....	1,892	1,840	847	814
MN.....	940	855	398	350	WY.....	11	10	3	3
MS.....	86	75	35	30					
MO.....	235	217	110	97	US.....	11,177	10,547	4,761	4,335
MT.....	27	24	10	7					

¹ Preliminary.

National Agricultural Statistics Service.

Table 464.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1972-86

Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio ¹ :	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio ¹ :	Value per 100 pounds of grain and concentrates fed to milk cows
	Dollars	Dollars	Pounds	Dollars		Dollars	Dollars	Pounds	Dollars
1972.....	6.07	4.00	1.52	3.52	1980.....	13.05	8.85	1.48	7.42
1973.....	7.14	5.65	1.26	4.88	1981.....	13.77	9.60	1.44	8.02
1974.....	8.33	6.90	1.21	6.23	1982.....	13.61	8.85	1.54	7.45
1975.....	8.75	6.75	1.30	6.25	1983.....	13.58	9.40	1.45	7.88
1976.....	9.66	7.05	1.37	6.31	1984.....	13.46	9.55	1.41	8.16
1977.....	9.72	7.00	1.39	6.20	1985.....	12.75	8.40	1.52	7.25
1978.....	10.60	6.90	1.54	6.08	1986.....	12.50	8.00	1.57	7.00
1979.....	12.02	7.80	1.54	6.68					

¹ Annual ratios based on average of monthly ratios.

² Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.

National Agricultural Statistics Service.

Table 465.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1972-86

Year	Associa- tions ¹	Supervi- sors ¹	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	Number	Number	Number	Number	Number	Pounds	Percent	Pounds
1972	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1973	1,130	2,209	33,146	2,416,609	72.9	13,163	3.75	493
1974	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1975	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1976	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1977	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1978	1,045	2,541	36,105	2,792,175	77.3	14,644	3.70	542
1979	1,025	2,638	37,576	2,966,558	78.9	14,766	3.70	547
1980	1,066	2,824	39,524	3,197,353	80.8	14,969	3.70	553
1981	1,084	2,916	40,933	3,382,977	82.6	15,134	3.68	558
1982	1,053	3,116	41,029	3,431,597	83.6	15,274	3.69	564
1983	1,070	2,940	40,745	3,446,570	84.6	15,520	3.68	572
1984			39,100	3,262,174	83.4	15,587	3.70	577
1985			37,661	3,222,771	85.2	16,279	3.69	600
1986			34,779	3,102,698	89.2	16,654	3.67	612

¹ Includes all plans.

Agricultural Research Service.

Table 466.—Cattle: Tuberculin tests in cooperation with States, 1972-86

Year	Tuberculin Tests						Infected and exposed ¹ herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots		Cattle		
	Number	Number	Number	Percent	Number	Percent	Number
1972.....	103,548	2,881,398	235	0.23	2,353	0.08	52
1973.....	102,510	2,936,287	163	.16	1,512	.05	38
1974.....	101,734	2,487,798	231	.23	1,573	.06	30
1975.....	94,769	2,367,458	158	.17	1,306	.06	47
1976.....	103,441	2,484,550	298	.29	1,879	.08	52
1977.....	98,483	2,322,110	175	.18	3,967	.17	29
1978.....	103,037	2,307,487	92	.09	490	.02	28
1979.....	108,813	2,422,334	54	.05	688	.03	17
1980.....	106,535	2,279,974	54	.05	1,068	.07	6
1981.....	106,715	2,221,225	37	.05	147	.01	13
1982.....	100,156	2,253,751	39	.04	197	.01	11
1983.....	92,333	2,172,572	46	.05	721	.03	14
1984.....	87,691	2,167,018	37	.04	244	.01	7
1985.....	38,961	2,413,451	58	.10	597	.02	30
1986.....	68,026	1,655,111	66	.10	308	.03	22

¹ All methods of surveillance and detection.

Animal and Plant Health Inspection Service.

Table 467.—Cattle: Brucellosis work in cooperation with States, 1972-86

Year	Milk ring tests ¹			Market cattle blood tests			
	Herd tests		Suspicious herd tests	Cattle tested		Reactor cattle	
	Number	Number		Percent	Number	Number	Percent
1972	964,825	2,210	0.2	7,815,629	39,866	0.5	
1973	895,346	2,580	.3	8,680,880	55,399	.6	
1974	881,195	2,247	.3	10,007,454	72,348	.7	
1975	841,392	2,642	.3	13,524,598	90,949	.7	
1976	730,737	2,096	.3	13,939,367	88,443	.6	
1977	760,376	2,272	.3	13,606,558	71,994	.5	
1978	849,527	2,285	.3	13,325,356	70,997	.5	
1979	763,439	2,315	.3	10,462,153	52,238	.5	
1980	805,507	3,357	.4	11,290,190	50,369	.4	
1981	826,745	4,676	.6	11,589,338	50,010	.4	
1982	938,779	3,295	.4	12,871,496	51,876	.4	
1983	958,532	3,494	.4	13,571,664	45,752	.3	
1984	853,123	2,450	.3	14,896,290	42,230	.3	
1985	845,518	2,041	.2	13,475,371	37,293	.3	
1986	820,301	2,975	.4	13,505,732	33,835	.3	

Year	Cattle blood tested on farm or ranch ²						Adjusted cattle infection rate ³	Calves vaccinated
	Herd or lot tests		Cattle tested	Reactor cattle				
	Number	Number		Percent	Number	Number	Percent	Percent	Number
1972	214,759	23,588	11.0	4,873,422	97,585	2.0	0.7	3,909,944
1973	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,010,475
1975	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978	271,335	28,846	10.6	6,895,965	154,877	2.2	.8	4,289,151
1979	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,341,033
1980	279,053	28,692	10.3	7,249,853	148,019	2.0	.8	6,355,745
1981	292,495	26,488	9.1	7,509,101	136,148	1.8	.3	7,090,102
1982	264,508	23,767	9.0	6,632,461	121,635	1.8	.6	7,675,006
1983	243,395	19,962	8.2	6,163,513	102,180	1.7	.5	8,353,098
1984	206,997	15,511	7.5	5,339,039	75,864	1.4	.4	9,203,815
1985	186,491	12,141	6.5	5,003,729	61,466	1.2	.3	9,214,216
1986	167,671	9,343	5.6	4,628,755	46,538	1.0	.3	8,704,296

¹ Represents multiple milk ring tests each year for the commercial dairy herd.² Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.³ Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

Animal and Plant Health Inspection Service.

Table 468.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1972-86

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
1972	11,700	10,259	377	3.68	120,025	4,410
1973	11,413	10,119	370	3.66	115,491	4,225
1974	11,230	10,293	377	3.67	115,586	4,238
1975	11,139	10,360	381	3.68	115,398	4,240
1976	11,032	10,894	390	3.66	120,180	4,402
1977	10,945	11,206	410	3.65	122,654	4,481
1978	10,803	11,243	412	3.67	121,461	4,455
1979	10,734	11,492	420	3.66	123,350	4,512
1980	10,799	11,891	435	3.65	126,406	4,692
1981	10,898	12,183	444	3.64	132,770	4,836
1982	11,011	12,306	450	3.65	135,505	4,950
1983	11,098	12,585	460	3.66	139,672	5,105
1984	10,833	12,503	458	3.66	135,450	4,964
1985	11,016	12,904	476	3.67	143,147	5,249
1986 ³	10,839	13,293	487	3.67	144,080	5,284

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.³ Preliminary.

National Agricultural Statistics Service.

Table 469.—Milk: Quantities used and marketed by farmers, United States, 1972-86

Year	Milk used on farms where produced			Milk marketed by producers			
	Fed to calves ¹	Consumed as fluid milk or cream	Total	Sold to plants and dealers ²		Sold directly to consumers ³	Total
				As whole milk	As farm separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1972	1,624	* 1,914	3,538	114,152	798	1,337	116,487
1973	1,584	1,766	3,350	109,943	673	1,520	112,141
1974	1,558	1,643	3,201	110,420	421	1,544	112,385
1975	1,566	1,495	3,061	110,460	314	1,563	112,337
1976	1,567	1,392	2,959	115,479	230	1,512	117,221
1977	1,541	1,283	2,824	118,154	182	1,495	119,831
1978	1,497	1,168	2,665	117,203	102	1,490	118,795
1979	1,442	1,040	2,483	119,379	(*)	1,489	120,869
1980	1,395	943	2,338	124,598	(*)	1,470	126,067
1981	1,418	886	2,304	128,994	(*)	1,472	130,467
1982	1,521	839	2,361	131,859	(*)	1,285	133,144
1983	1,527	842	2,369	136,090	(*)	1,211	137,301
1984	2,134	904	2,938	131,371	(*)	1,141	132,513
1985	1,747	709	2,456	139,436	(*)	1,255	140,691
1986 ⁴	1,870	690	2,559	140,306	(*)	1,214	141,521

¹ Excludes milk sucked by calves.² Includes milk produced by dealers' own herds.³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.⁴ Includes milk used for farm-churned butter, beginning 1970.⁵ Equivalent amount of milk included in whole milk to plants and dealers.⁶ Preliminary.

National Agricultural Statistics Service.

Table 470.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1985

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
AL.....	49	11,163	410	3.67	547	20.1
AK.....	1.6	13,875	476	3.43	22.2	8
AZ.....	86	15,674	580	3.70	1,348	49.9
AR.....	80	10,600	376	3.55	848	30.1
CA.....	1,004	16,701	610	3.65	16,768	612.0
CO.....	78	14,167	517	3.65	1,105	40.3
CT.....	47	13,191	491	3.72	620	23.1
DE.....	10.3	14,282	521	3.65	147.1	5.4
FL.....	173	11,780	421	3.57	2,038	72.8
GA.....	117	11,111	406	3.65	1,390	47.5
HI.....	11.3	12,566	431	3.43	142.0	4.9
ID.....	170	14,241	517	3.63	2,421	87.9
IL.....	227	11,987	442	3.69	2,721	100.4
IN.....	202	11,955	442	3.70	2,415	89.4
IA.....	352	11,528	422	3.66	4,058	148.5
KS.....	113	11,372	416	3.66	1,285	47.0
KY.....	231	9,619	354	3.68	2,222	81.8
LA.....	96	9,490	335	3.53	911	32.2
ME.....	55	12,236	455	3.72	673	25.0
MD.....	123	13,211	482	3.65	1,625	59.3
MA.....	47	12,660	471	3.72	595	22.1
MI.....	394	14,132	517	3.66	5,568	203.8
MN.....	915	11,847	430	3.63	10,840	393.5
MS.....	87	10,069	367	3.64	876	31.9
MO.....	232	12,371	452	3.65	2,870	104.8
MT.....	28	12,464	442	3.55	349	12.4
NE.....	109	12,294	454	3.69	1,340	49.4
NV.....	18.8	14,149	515	3.64	266.0	9.7
NH.....	29	12,552	471	3.75	364	13.7
NJ.....	38	12,816	467	3.64	487	17.7
NM.....	67	16,090	582	3.62	1,078	39.0
NY.....	948	12,374	453	3.66	11,731	429.4
NC.....	128	13,656	504	3.69	1,748	64.5
ND.....	101	11,089	400	3.61	1,120	40.4
OH.....	388	12,552	463	3.69	4,870	179.7
OK.....	110	10,755	391	3.64	1,183	43.1
OR.....	100	14,390	548	3.81	1,438	54.8
PA.....	740	13,491	494	3.66	9,983	365.4
RI.....	3.5	12,571	458	3.64	44.0	1.6
SC.....	48	12,167	471	3.87	584	22.6
SD.....	162	10,994	401	3.65	1,781	65.0
TN.....	210	10,643	392	3.68	2,235	82.2
TX.....	319	12,439	447	3.59	3,968	142.5
UT.....	83	13,675	485	3.55	1,135	40.3
VT.....	183	13,169	491	3.73	2,410	89.9
VA.....	164	12,817	465	3.63	2,102	76.3
WA.....	222	16,892	630	3.73	3,750	139.9
WV.....	34	11,235	412	3.67	382	14.0
WI.....	1,876	13,166	488	3.71	24,700	916.4
WY.....	11.6	11,552	414	3.58	134.0	4.8
US ³	11,016	12,994	476	3.67	143,147	5,248.8

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.³ U.S. total will not add due to rounding.

National Agricultural Statistics Service.

Table 471.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1986 (preliminary)

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
AL.....	44	12,023	439	3.65	529	19.3
AK.....	2.2	14,318	498	3.48	31.5	1.1
AZ.....	86	15,907	587	3.89	1,368	50.5
AR.....	68	11,100	384	3.55	755	26.8
CA.....	1,013	17,014	618	3.63	17,225	625.6
CO.....	80	14,850	545	3.67	1,188	43.6
CT.....	43	13,953	516	3.70	600	22.2
DE.....	10.2	14,412	529	3.67	147.0	5.4
FL.....	179	12,028	428	3.56	2,153	76.6
GA.....	109	11,560	422	3.65	1,380	48.0
HI.....	11.5	13,565	446	3.29	156.0	5.1
ID.....	166	14,422	524	3.63	2,394	86.9
IL.....	221	12,674	466	3.58	2,891	103.1
IN.....	202	12,158	451	3.71	2,456	91.1
IA.....	335	11,579	434	3.66	3,979	142.0
KS.....	111	11,721	424	3.62	1,301	47.1
KY.....	227	10,251	376	3.67	2,327	85.4
LA.....	93	9,538	339	3.55	887	31.5
ME.....	51	12,608	474	3.76	643	24.2
MD.....	124	13,226	485	3.67	1,640	60.2
MA.....	49	13,047	488	3.74	561	21.0
MI.....	379	14,250	525	3.66	5,404	198.9
MN.....	891	11,912	434	3.64	10,514	386.3
MS.....	82	10,195	369	3.62	836	30.3
MO.....	227	12,907	469	3.63	2,980	106.4
MT.....	27	12,481	441	3.53	337	11.9
NE.....	108	12,500	458	3.66	1,350	49.4
NV.....	19.0	14,421	523	3.63	274.0	9.9
NH.....	28	13,250	500	3.77	371	14.0
NJ.....	36	13,389	496	3.63	482	17.5
NM.....	66	16,545	599	3.62	1,092	39.5
NY.....	947	12,401	455	3.67	11,744	431.0
NC.....	121	14,008	520	3.71	1,805	62.9
ND.....	97	11,072	402	3.63	1,074	39.0
OH.....	283	12,888	476	3.69	4,936	182.1
OK.....	111	10,721	388	3.62	1,190	43.1
OR.....	99	14,859	560	3.77	1,471	55.5
PA.....	734	13,831	508	3.67	10,152	372.6
RI.....	3.2	13,125	479	3.65	42.0	1.5
SC.....	47	12,021	444	3.69	565	20.8
SD.....	156	11,045	400	3.62	1,723	62.4
TN.....	207	10,729	397	3.70	2,221	82.2
TX.....	323	12,659	456	3.60	4,089	147.2
UT.....	79	14,620	520	3.56	1,155	41.1
VT.....	181	13,575	508	3.74	2,457	91.9
VA.....	155	13,523	495	3.65	2,096	76.7
WA.....	212	17,745	657	3.70	3,762	139.2
WV.....	33	11,364	418	3.68	375	13.8
WI.....	1,862	13,534	503	3.72	25,200	937.4
WY.....	10.8	12,130	439	3.62	131.0	4.7
US ³	10,839	13,293	487	3.67	144,080	5,283.9

¹ Average number during year, excluding heifers not yet fresh.² Excludes milk sucked by calves.³ U.S. total will not add due to rounding.

National Agricultural Statistics Service.

Table 472.—Milk: Quantities used and marketed by producers, by States, 1986
(preliminary)

State	Milk used on farms where produced			Milk marketed by farmers		
	Feed to calves ¹	Used for milk, cream, and butter	Total	Sold to plants and dealers as whole milk ²	Sold directly to consumers ^{3,4}	Total ⁵
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
AL.....	3	2	5	524		524
AK.....	.7		1.1	30.1	0.3	30.4
AZ.....	6	1	7	1,361		1,361
AR.....	38	7	45	710		710
CA.....	50	8	58	16,822	355	17,177
CO.....	43	11	54	1,105	29	1,134
CT.....	5	3	8	575	17	592
DE.....	1.0	1.0	2.0	145.0		145.0
FL.....	9	6	15	2,138		2,138
GA.....	6	4	10	1,250		1,250
HI.....	1.8	1.1	2.9	153.1		153.1
ID.....	43	8	51	2,343		2,343
IL.....	35	9	44	2,757		2,757
IN.....	31	10	41	2,415		2,415
IA.....	87	42	129	3,750		3,750
KS.....	18	5	23	1,276		1,276
KY.....	55	50	105	2,222		2,222
LA.....	7	13	20	867		867
ME.....	10	4	14	620	9	629
MD.....	10	5	15	1,625		1,625
MA.....	6	15	8	535	18	553
MI.....	65	2	80	5,310	14	5,324
MN.....	240	24	264	10,350		10,350
MS.....	4	6	10	820	6	826
MO.....	48	15	63	2,867		2,867
MT.....	9	6	15	319	3	322
NE.....	30	15	45	1,305		1,305
NV.....	3	2	5	269		269
NH.....	5	2	7	360	4	364
NJ.....	4	2	6	459	17	476
NM.....	6	6	12	1,055	25	1,080
NY.....	174	67	241	11,445	58	11,503
NC.....	17	30	47	1,548		1,548
ND.....	38	6	44	1,030		1,030
OH.....	40	20	60	4,860	16	4,876
OK.....	17	14	31	1,159		1,159
OR.....	25	10	35	1,376	60	1,436
PA.....	81	41	122	9,730	300	10,030
RI.....	1	1	2	37	3	40
SC.....	6	4	10	540	15	555
SD.....	10	7	17	1,706		1,706
TN.....	104	30	134	2,080	7	2,087
TX.....	44	15	59	3,990	40	4,030
UT.....	23	4	27	1,085	43	1,128
VT.....	27	12	39	2,415	3	2,418
VA.....	23	8	31	2,065		2,065
WA.....	21	4	25	3,582	155	3,737
WV.....	5	4	9	359	7	366
WI.....	329	126	455	24,735	10	24,745
WY.....	5	1	6	125		125
US.....	1,870	690	2,559	140,306	1,214	141,521

¹ Excludes milk sucked by calves.² Includes the equivalent amounts of milk for cream sold to plants and milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.⁴ For States not published, sales are nominal. Included in milk sold to plants.⁵ Total milk sold plus used on farms does not equal total milk produced due to rounding.⁶ Includes 23 million pounds dumped.

National Agricultural Statistics Service.

Table 473.—Milk: Production in specified countries, 1984-86

Country	Production								
	Milk cows			Yield per cow			Total milk product ¹		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 head	1,000 head	1,000 head	Metric ton	Metric ton	Metric ton	1,000 metric tons	1,000 metric tons	1,000 metric tons
Argentina.....	2,970	2,950	2,930	1,751	1,974	2,116	5,200	5,823	6,200
Australia ³	1,809	1,804	1,781	3,365	3,473	3,481	6,087	6,285	6,200
Austria.....	997	995	987	3,752	3,779	3,814	3,741	3,760	3,764
Belgium/ Luxembourg.....	1,055	1,031	1,020	3,905	3,957	4,038	4,120	4,080	4,160
Brazil.....	14,700	14,700	1,400	735	707	700	10,800	10,400	9,800
Canada.....	1,731	1,723	1,674	4,677	4,580	4,689	8,096	7,891	7,850
China.....	730	1,260	1,460	2,995	2,083	1,918	2,186	2,499	2,800
Chile.....	640	660	680	1,416	1,576	1,691	906	1,040	1,150
Czechoslovakia.....	1,841	1,830	1,820	3,672	3,760	3,783	6,763	6,883	6,885
Denmark.....	951	896	880	5,503	5,691	5,778	5,234	5,099	5,085
Finland.....	650	628	603	4,960	4,909	5,048	3,224	3,083	3,044
France.....	7,195	6,764	6,606	3,835	3,967	4,165	27,556	26,830	27,100
Germany, Dem. Rep. of.....	2,096	2,080	2,064	4,165	4,348	4,385	8,729	9,044	9,050
Germany, Fed. Rep. of.....	5,676	5,547	5,550	4,607	4,628	4,764	26,151	25,674	26,200
Greece.....	369	355	350	1,800	1,825	1,834	664	648	642
Hungary.....	635	624	604	4,409	4,634	4,512	2,800	2,723	2,725
India.....	27,800	27,700	28,600	615	686	703	17,100	19,000	20,100
Ireland.....	1,535	1,549	1,528	3,859	3,904	3,722	5,924	6,047	5,687
Italy.....	3,068	3,174	3,075	3,317	3,222	3,268	10,176	10,227	10,050
Japan.....	1,101	1,101	1,099	6,488	6,701	6,847	7,138	7,378	7,525
Mexico.....	5,520	5,087	6,890	1,342	1,360	1,358	7,410	6,920	8,000
Netherlands.....	2,425	2,354	2,265	5,270	5,331	5,651	12,782	12,550	12,900
New Zealand ⁴	2,086	2,165	2,173	3,631	3,638	3,775	7,617	7,683	8,202
Norway.....	383	381	370	5,225	5,178	5,254	2,901	1,975	1,944
Peru.....	675	690	695	893	935	938	603	622	652
Poland.....	5,687	5,528	5,250	2,953	3,000	2,991	16,795	16,530	15,704
Portugal.....	258	253	262	2,790	3,154	3,214	720	740	842
Romania.....	2,520	2,550	2,450	1,615	1,402	1,500	4,069	3,700	3,675
South Africa.....	1,903	1,885	1,775	1,276	1,234	1,239	2,429	2,327	2,200
Soviet Union.....	43,900	43,600	42,900	2,230	2,262	2,354	97,906	98,606	101,000
Spain.....	1,910	1,910	1,920	3,286	3,296	3,385	6,240	6,330	6,500
Sweden.....	656	646	614	5,782	5,720	5,749	3,795	3,695	3,530
Switzerland.....	848	816	812	4,550	4,712	4,655	3,858	3,845	3,780
United Kingdom.....	3,436	3,311	3,293	4,816	4,935	4,965	16,550	16,340	16,350
United States.....	10,833	11,025	10,810	5,672	5,911	6,089	61,439	65,166	65,820
Venezuela.....	1,269	1,345	1,350	1,275	1,218	1,196	1,618	1,638	1,601
Yugoslavia.....	2,690	2,640	2,590	1,700	1,772	1,780	4,572	4,679	4,610
Total.....	164,549	163,504	162,580				413,038	417,936	423,227

¹ May include milk other than cow's milk.² Preliminary.³ Year ending June 30.⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 474.—Marketings, income, and value of milk production, by States, 1986
(preliminary)

State	Milk sold to plants and dealers ¹				Milk sold directly to consumers ²		
	Quantity	Percent fluid grade ³	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Percent	Dollars	1,000 dollars	1,000 quarts	Cents	1,000 dollars
AL.....	524	99	14.40	75,456			
AK.....	30.1	100	20.10	6,050	140	65	91
AZ.....	1,361	100	12.70	172,847			
AR.....	710	94	13.80	97,960			
CA.....	16,822	97	11.77	1,979,949	165,116	50	82,558
CO.....	1,105	(*)	13.50	149,175	13,488	50	6,744
CT.....	575	100	13.40	77,050	7,907	54	4,270
DE.....	145.0	100	12.80	18,560			
FL.....	2,138	100	16.20	346,356			
GA.....	1,250	100	13.90	173,750			
HI.....	153.1	100	19.99	* 30,605			
ID.....	2,343	62	11.70	274,131			
IL.....	2,757	83	12.50	344,825			
IN.....	2,415	91	12.50	301,875			
IA.....	3,750	71	12.00	450,000			
KS.....	1,278	86	12.80	163,584			
KY.....	2,222	87	12.60	279,972			
LA.....	867	100	14.00	121,380			
ME.....	620	100	13.50	83,700	4,186	48	2,009
MD.....	1,625	100	12.90	209,625			
MA.....	535	100	13.40	71,690	8,372	55	4,605
MI.....	5,310	97	12.60	669,060	6,512	50	3,256
MN.....	10,350	69	11.85	1,226,475			
MS.....	820	97	13.60	111,520	2,791	54	1,507
MO.....	2,867	84	12.30	352,641			
MT.....	319	98	12.70	40,513	1,395	50	698
NE.....	1,305	66	12.30	160,515			
NV.....	269	100	12.20	32,318			
NH.....	360	100	13.40	48,240	1,860	54	1,005
NJ.....	459	100	12.80	58,752	7,907	50	3,953
NM.....	1,055	100	12.70	133,985	11,628	60	6,977
NY.....	11,445	100	12.60	1,442,070	26,977	52	14,028
NC.....	1,648	95	14.00	230,720			
ND.....	1,030	48	11.30	116,390			
OH.....	4,860	89	12.50	607,500	7,442	64	4,763
OK.....	1,159	94	13.20	152,988			
OR.....	1,376	94	12.40	170,624	27,907	45	12,568
PA.....	9,730	99	12.90	1,255,170	139,535	44	61,395
RI.....	37	100	13.40	4,958	1,395	54	753
SC.....	540	100	15.00	81,000	6,977	64	4,465
SD.....	1,706	45	11.60	197,896			
TN.....	2,080	90	13.10	272,480	3,256	65	2,116
TX.....	3,990	100	13.60	542,640	18,605	52	9,674
UT.....	1,085	78	11.80	128,030	20,000	43	8,600
VT.....	2,415	100	13.10	316,365	1,395	54	753
VA.....	2,065	95	13.00	268,450			
WA.....	3,582	100	12.10	433,422	72,093	45	32,442
WV.....	359	(*)	12.40	44,516	3,256	65	2,116
WI.....	24,735	75	12.16	3,007,776	4,651	41	1,907
WY.....	125	(*)	12.00	15,000			
US.....	140,306	88	12.51	17,550,874	564,791	48.4	273,244

See footnotes at end of table.

Table 474.—Marketings, income, and value of milk production, by States, 1986
(preliminary)—Continued

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income ²	Value of all milk produced ³
	Milk utilized	Average returns ⁴		Cash receipts from marketings	Milk utilized	Value ⁵		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	524	14.40	3.95	75,456	2	280	75,744	76,176
AK.....	30.4	20.20	5.80	6,141	4	81	6,222	6,363
AZ.....	1,361	12.70	3.44	172,847	1	127	172,974	173,736
AR.....	710	13.80	3.89	97,980	7	966	98,946	104,190
CA.....	17,177	12.01	3.31	2,062,506	8	961	2,063,468	2,069,472
CO.....	1,184	13.75	3.75	155,919	11	1,512	157,432	163,344
CT.....	592	13.74	3.71	81,329	3	412	81,732	82,419
DE.....	145.0	12.80	3.49	18,560	1.0	128	18,698	18,816
FL.....	2,138	16.20	4.55	346,356	6	972	347,328	348,798
GA.....	1,250	13.90	3.81	173,750	4	526	174,306	175,140
HI.....	153.1	19.99	6.08	30,605	1.1	229	30,823	31,184
ID.....	2,343	11.70	3.22	274,131	8	936	275,067	280,098
IL.....	2,707	12.50	3.40	344,625	9	1,125	345,750	350,125
IN.....	2,415	12.50	3.37	301,875	10	1,250	303,125	307,000
IA.....	3,750	12.00	3.28	450,000	42	5,040	455,040	465,480
KS.....	1,278	12.80	3.54	163,584	5	640	164,224	166,528
KY.....	2,222	12.60	3.43	279,972	50	6,300	286,272	293,202
LA.....	987	14.00	3.94	121,380	13	1,820	123,200	124,180
ME.....	629	13.63	3.62	85,709	4	545	86,254	87,617
MD.....	1,625	12.90	3.51	209,625	5	645	210,270	211,560
MA.....	553	13.80	3.69	76,295	2	276	76,571	77,396
MI.....	5,224	12.63	3.43	672,316	15	1,894	674,210	682,418
MN.....	10,350	11.85	3.26	1,226,475	24	2,844	1,229,319	1,257,759
MS.....	826	13.68	3.78	113,027	6	821	113,848	114,395
MO.....	2,867	12.30	3.39	352,641	15	1,845	354,486	360,390
MT.....	322	12.80	3.63	41,211	6	768	41,979	43,130
NE.....	1,305	12.30	3.36	160,515	15	1,845	162,360	166,050
NV.....	269	12.20	3.26	32,518	2	244	33,062	33,428
NH.....	364	13.53	3.59	49,245	2	271	49,515	50,192
NJ.....	476	13.17	3.63	62,705	2	263	62,969	63,496
NM.....	1,080	13.05	3.61	140,962	6	783	141,745	142,528
NY.....	11,503	12.66	3.45	1,456,098	67	8,481	1,464,579	1,486,605
NC.....	1,648	14.00	3.77	230,720	30	4,390	234,920	237,300
ND.....	1,030	11.30	3.11	116,390	6	678	117,066	121,362
OH.....	4,876	12.56	3.40	612,263	20	2,511	614,774	619,797
OK.....	1,159	13.20	3.65	152,988	14	1,848	154,836	157,080
OR.....	1,436	12.76	3.38	183,182	10	1,276	184,458	187,847
PA.....	10,030	13.13	3.58	1,316,565	41	5,382	1,321,947	1,332,579
RI.....	40	14.28	3.91	5,711	1	143	5,854	5,997
SC.....	555	15.40	4.17	85,465	4	616	86,081	87,005
SD.....	1,706	11.60	3.20	197,896	7	812	198,708	199,868
TN.....	2,087	13.16	3.56	274,596	30	3,947	278,544	292,227
TX.....	4,030	13.71	3.81	552,314	15	2,056	554,370	560,400
UT.....	1,123	12.11	3.40	136,030	4	485	137,115	139,500
VT.....	2,418	12.11	3.51	317,118	12	1,574	318,692	322,233
VA.....	2,065	13.00	3.55	268,450	8	1,040	269,490	272,480
WA.....	3,737	12.47	3.37	465,964	4	499	466,363	468,980
WV.....	366	12.74	3.46	46,632	4	510	47,142	47,719
WI.....	24,745	12.16	3.27	3,009,683	126	15,325	3,025,006	3,065,024
WY.....	125	12.00	3.31	15,000	1	120	15,120	15,720
US.....	141,521	12.59	3.43	17,824,118	690	87,879	17,911,998	18,146,585

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers.² Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.³ Also includes milk produced by institutional herds.⁴ Not published to avoid disclosing individual operations.⁵ Based on unrounded value. Includes milk sold directly to consumers.⁶ Cash receipts divided by milk for milkfat represented in combined marketings.⁷ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.⁸ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.⁹ Includes value of milk fed to calves.

National Agricultural Statistics Service.

Table 475.—Marketings, income and value of milk production, United States, 1972-86

Year	Milk sold to plants and dealers			Cream sold to plants and dealers ¹			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 quarts	Cents	1,000 dollars
1972.....	114,152	6.97	6,926,955	28,737	67.8	19,478	714,841	27.8	196,855
1973.....	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974.....	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975.....	110,460	8.75	9,664,349	11,437	70.3	8,089	726,837	35.4	257,362
1976.....	115,479	9.66	11,158,050	8,350	83.4	6,966	703,114	36.4	255,651
1977.....	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978.....	117,203	10.60	12,400,075	3,679	102.0	3,762	693,210	38.5	266,990
1979.....	119,579	12.02	14,347,397				692,598	42.3	293,347
1980.....	124,596	13.05	16,259,004				683,488	45.3	309,484
1981.....	128,994	13.77	17,764,463				684,744	48.3	330,763
1982.....	131,859	13.61	17,945,778				597,767	48.1	287,693
1983.....	136,090	13.58	18,484,507				563,395	48.4	272,423
1984.....	131,371	13.46	17,682,385				530,837	49.2	261,233
1985.....	139,436	12.75	17,778,640				563,960	48.7	284,321
1986 *.....	140,306	12.51	17,550,874				564,791	48.4	273,244

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products ⁵	Farm value of all milk produced ⁶
	Milk utilized	Average returns ³		Cash receipts from marketings	Milk utilized	Value ⁴		
	Million pounds	Per 100 pounds milk	Per pound milkfat	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435
1973.....	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450
1974.....	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186
1975.....	112,337	8.84	2.41	9,923,750	1,495	133,026	10,062,776	10,196,831
1976.....	117,221	9.74	2.66	11,420,667	1,392	136,765	11,557,432	11,706,043
1977.....	119,831	9.81	2.68	11,749,492	1,283	126,448	11,875,940	12,023,440
1978.....	118,795	10.67	2.91	12,672,827	1,168	125,155	12,797,982	12,956,601
1979.....	120,869	12.11	3.31	14,640,744	1,040	127,038	14,767,781	14,941,518
1980.....	126,067	13.14	3.60	16,568,488	943	124,815	16,693,303	16,875,623
1981.....	130,467	13.87	3.81	18,095,225	896	124,050	18,219,275	18,415,052
1982.....	133,144	13.69	3.75	18,233,471	839	115,809	18,349,280	18,559,413
1983.....	137,301	13.66	3.74	18,756,390	842	115,594	18,672,823	19,081,427
1984.....	132,513	13.54	3.69	17,943,618	804	109,831	18,053,449	18,340,937
1985.....	140,691	12.84	3.50	18,062,961	709	92,329	18,155,290	18,379,194
1986 *.....	141,521	12.50	3.43	17,824,118	690	87,579	17,911,998	18,146,585

¹ After 1978 equivalent amounts of milk included in milk sold to plants and dealers.² Preliminary.³ Cash receipts divided by milk or milkfat represented in combined marketings.⁴ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.⁵ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.⁶ Includes value of milk fed to calves.

National Agricultural Statistics Service.

Table 476.—Federal Milk Order Markets: Measures of growth, 1972-86

Year	Markets ¹	Population of Federal milk marketing areas ²	Handlers ¹	Producers ²	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	Number	Thousands	Number	Number	Million pounds	Million pounds	Percent
1972.....	62	142,934	1,487	136,883	68,719	40,908	59.6
1973.....	61	141,472	1,355	131,565	66,229	40,519	61.2
1974.....	61	141,546	1,312	126,805	67,778	39,293	58.0
1975.....	56	144,467	1,315	123,855	69,149	40,166	57.9
1976.....	50	149,493	1,305	122,675	74,586	40,985	54.9
1977.....	47	150,093	1,280	122,755	77,947	41,125	52.5
1978.....	47	150,131	1,189	119,326	78,091	41,143	52.7
1979.....	47	150,131	1,127	116,447	79,436	41,011	51.6
1980.....	47	164,908	1,091	117,490	83,968	41,034	48.9
1981.....	48	165,450	1,058	119,325	87,989	40,746	46.2
1982.....	49	169,770	1,010	120,743	91,611	40,807	44.5
1983.....	46	170,882	958	121,052	95,757	41,091	42.9
1984.....	46	171,044	912	119,533	91,676	41,517	45.3
1985.....	44	168,565	884	116,765	97,762	42,201	43.2
1986.....	44	168,565	854	112,355	96,813	42,724	48.2

Year	Prices at 3.5 percent butterfat content per hundredweight ⁴		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	Dollars	Dollars	Percent	Percent	Pounds	Dollars	1,000 dollars
1972.....	7.10	6.31	78	60	1,372	32,439	4,440,288
1973.....	8.03	7.31	78	60	1,386	37,461	4,928,514
1974.....	9.35	8.36	78	61	1,464	45,576	5,753,852
1975.....	9.36	8.64	78	63	1,532	49,233	6,087,768
1976.....	10.70	9.75	80	65	1,661	60,277	7,394,486
1977.....	10.59	9.69	80	66	1,740	62,602	7,695,764
1978.....	11.40	10.57	80	67	1,793	70,528	8,415,787
1979.....	12.88	11.97	80	66	1,870	83,262	9,695,637
1980.....	13.77	12.86	80	67	1,954	93,685	11,007,001
1981.....	14.69	13.63	80	68	2,021	102,354	12,213,199
1982.....	14.63	13.53	81	69	2,079	104,591	12,628,576
1983.....	14.60	13.53	82	70	2,168	109,142	13,211,805
1984.....	14.41	13.33	81	70	2,104	104,944	12,491,788
1985.....	13.88	12.61	80	70	2,294	107,871	12,595,522
1986.....	13.60	12.38	80	70	2,409	111,142	12,487,375

¹ End of year. (Date on which pricing provisions became effective.) ² End of year. Data for 1972-79 and 1980-86 (according to the 1970 and 1980 U.S. Census of Population, respectively.) ³ Average for year. ⁴ Weighted averages.

Agricultural Marketing Service.

Table 477.—Milk: Supply and

Item	1972	1973	1974	1975
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production	120,025	115,491	115,596	115,398
Net imports of ingredients (milk equivalent) ¹	188	819	181	181
Net change in storage cream (milk equivalent) ²	4	3	-33	-17
Total supply	120,217	116,313	115,734	115,562
Utilization (milk equivalent):				
Used in manufactured products:				
Creamery butter, total milk equivalent	24,725	20,663	21,571	21,992
Milk equivalent of butter from whey cream	1,981	2,054	2,237	2,119
Net milk equivalent	22,744	18,609	19,334	19,873
Cheese:				
American	16,422	16,760	18,550	16,452
Other	6,433	6,845	7,119	7,431
Cottage cheese, creamed	1,321	1,133	1,018	1,028
Canned milk:				
Evaporated and sweetened condensed	2,540	2,375	2,223	2,020
Bulk condensed whole milk:				
Unsweetened	415	381	432	510
Sweetened	179	179	160	176
Dry whole milk	552	577	499	464
Ice cream and other frozen dairy products, total milk equivalent	12,944	13,130	13,277	14,046
Milk equivalent of butter and condensed milk used in ice cream	1,993	2,060	2,089	2,143
Net milk equivalent	10,951	11,070	11,188	11,896
Other manufactured products ³	762	744	804	672
Total manufactured products	62,319	58,678	61,327	60,524
Available for use in fluid products:				
Sold by dealers	51,690	50,893	48,970	49,560
Sold by producers directly to consumers ⁴	1,587	1,520	1,544	1,563
Total available for fluid products	53,227	52,413	50,514	51,123
Used on farms where produced:				
Fed to calves	1,624	1,584	1,558	1,666
Used for farm-churned butter	1,914	1,766	1,643	1,495
Total used on farms	3,538	3,350	3,201	3,061
Residual ⁵	1,133	1,572	692	854
Total utilization	120,217	116,313	115,734	115,562

¹ Preliminary.² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.⁴ Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.

National Agricultural Statistics Service.

Utilization, United States, 1972-86

1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ¹
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
120,180	122,654	121,641	123,350	128,406	132,770	135,505	139,072	135,450	143,147	144,080
219	228	232	237	203	192	273	283	220	254	254
39	-16	-11	24	-3	11	7	18	-2	-12	16
120,438	122,866	121,682	123,611	128,606	132,973	135,785	139,958	135,668	143,389	144,350
21,947	24,396	22,372	22,191	25,824	27,906	28,352	29,342	24,877	28,079	27,073
2,543	2,543	2,600	2,810	2,998	3,192	3,365	3,554	3,406	3,694	3,799
19,404	21,853	19,712	19,381	22,826	24,614	24,987	25,788	21,471	24,385	23,274
20,581	20,480	20,737	21,856	23,765	26,215	27,540	29,314	26,408	28,556	27,976
8,182	8,385	9,180	9,701	10,160	10,331	11,363	11,692	12,315	13,144	14,283
1,050	1,056	1,056	1,028	1,016	977	950	941	932	917	914
1,892	1,809	1,735	1,752	1,594	1,669	1,490	1,525	1,419	1,509	1,278
435	396	348	281	377	475	543	475	544	656	666
208	182	156	187	147	164	161	173	180	161	189
554	514	549	627	607	686	758	823	890	877	901
13,722	13,905	13,859	13,707	14,010	14,080	14,268	14,730	14,783	15,021	15,451
2,099	2,098	2,115	2,088	2,084	2,116	2,133	2,122	2,123	2,166	2,225
11,623	11,707	11,744	11,679	11,925	11,964	12,135	12,598	12,660	12,855	13,226
744	684	707	912	909	821	656	663	485	477	559
64,673	67,068	65,944	67,504	73,327	77,916	80,583	83,992	77,292	83,537	83,226
49,990	49,885	49,635	49,884	49,385	48,743	48,061	48,494	49,464	50,750	51,460
1,512	1,495	1,490	1,489	1,470	1,472	1,285	1,211	1,141	1,264	1,214
51,502	51,380	51,175	51,373	50,855	50,215	49,246	49,705	50,005	52,014	52,674
1,567	1,541	1,497	1,442	1,395	1,418	1,521	1,527	2,124	1,747	1,869
1,392	1,283	1,168	1,040	943	886	839	842	804	769	690
2,959	2,824	2,665	2,483	2,338	2,304	2,361	2,369	2,938	2,456	2,559
1,304	1,594	1,898	2,251	2,086	2,538	3,495	3,887	4,833	5,382	5,891
120,438	122,866	121,682	123,611	128,606	132,973	135,785	139,958	135,668	143,389	144,350

¹ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

² Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Table 478.—Milk markets under Federal order program: Blend and Class I milk deliveries used in Class I, Class I percentage, average daily deliveries per producer.

Federal milk order marketing area	Average minimum prices per 100 pounds				Average number of producers	
	Blend price ¹		Class I price ²		1985	1986
	1985	1986	1985	1986	1985	1986
	Dollars	Dollars	Dollars	Dollars	Number	Number
Alabama-West Florida ^{2 3}	13.65	13.53	14.05	14.00	964	959
Central Arizona ⁴	13.04	12.68	14.23	13.70	161	156
Central Arkansas-Ft. Smith ^{2 5}	13.27	13.20	13.68	13.68	935	797
Central Illinois ^{2 6}	12.42	12.17	13.11	12.74	263	244
Chicago Regional, Ill.-Wis. ^{2 7}	11.96	11.73	12.98	12.54	18,703	18,058
Eastern Colorado, Col.-Kans. ^{2 8}	13.18	12.89	14.01	13.77	624	564
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. ^{2 9}	12.57	12.19	13.57	13.10	6,103	5,885
Eastern South Dak.-Black Hills ^{2 10}	12.07	11.86	13.10	12.56	473	430
Georgia ^{2 11}	13.60	13.51	14.05	13.99	1,708	1,585
Great Basin, Utah-New Wyo. ^{2 12}	12.56	12.20	13.60	13.08	696	740
Greater Kansas City, Mo.-Kans. ^{2 13}	12.48	12.16	13.46	13.04	1,248	1,117
Greater Louisiana ^{2 14}	13.70	13.59	14.21	14.18	596	634
Indiana ^{2 15}	12.68	12.42	13.23	13.02	2,690	2,754
Iowa, Iowa-Ill. ^{2 16}	12.07	11.81	13.12	12.69	3,672	3,732
Lake Mead, Nev.-Utah ^{17 18}	12.70	12.10	13.29	12.76	75	126
Louisville-Lex.-Evans, Ky.-Ind. ⁵	12.72	12.39	13.43	13.15	1,873	1,703
Lubbock-Plainview, Texas ²	13.83	13.40	14.07	13.66	36	34
Memphis, Tenn.-Miss.-Ark. ²	13.10	13.12	13.55	13.66	490	488
Michigan Upper Peninsula, Mich.-Wis. ^{19 19}	12.59	12.26	13.08	12.52	55	
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. ^{2 20}	12.89	12.65	14.50	14.13	6,712	6,586
Nashville, Tenn.-Ky. ²	13.43	13.46	13.58	13.51	490	455
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. ^{2 21}	12.25	11.97	13.31	12.88	1,879	1,905
New England, Mass.-Conn.-N.H.-R.I.-Vt. ^{2 22}	13.38	13.12	14.71	14.34	6,350	5,891
New Orleans-Mississippi, La.-Miss. ^{2 23}	13.77	13.79	14.59	14.69	1,379	1,263
New York-New Jersey ^{2 24}	12.89	12.63	14.55	14.22	16,521	15,876
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. ^{2 25}	12.56	12.32	13.42	13.11	5,101	4,909
Oregon-Washington ²⁶	12.36	12.01	13.66	13.13	988	1,008
Paduach, Ky.-Mo. ²	13.01	12.95	13.41	13.36	214	208
Puget Sound-Inland, Wash.-Idaho ²⁷	12.20	11.94	13.56	13.03	1,361	1,217
Rio Grande Valley, N. Mex.-Tex.-Calo. ²⁸	13.29	12.79	14.07	13.53	106	100
St. Louis-Osarks, Mo.-Ill.-Ark. ²⁹	13.22		14.15		3,350	
Southeastern Florida ^{2 30}	14.50	14.69	14.85	15.02	163	216
Southern Illinois ^{2 31}	12.54	12.36	13.12	12.98	2,286	2,688
Southern Michigan ^{2 32}	12.29	12.03	13.31	12.88	5,998	5,566
SW. Idaho-Eastern Oregon ³³	11.72	11.53	13.17	12.68	352	311
Southwest Plains ^{2 34}	12.63	12.64	13.60	13.69	3,209	3,439
Tampa Bay, Fla. ²	14.43	14.23	14.80	14.66	303	295
Tenn. Val.-Tenn.-Va.-W. Va.-Ky.-Ga. ^{2 35}	13.22	13.08	13.81	13.71	1,824	1,789
Texas ^{2 36}	13.25	13.20	14.03	14.13	2,899	2,703
Texas Panhandle, Texas-Okla. ^{2 37}	13.30	12.81	13.96	13.58	62	64
Upper Florida ^{2 38}	14.22	14.13	14.61	14.53	195	197
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa ^{2 39}	11.71	11.47	12.83	12.36	16,128	15,681
Western Colorado ⁴⁰	13.16	12.64	13.72	13.18	47	42

¹ For individual-handler pools, weighted average of blend prices for all handlers. For markets with base-excess plans, weighted average of base and excess prices. ² Effective May 1, 1986, the Class I differentials in 35 orders were increased as mandated by the Food Security Act of 1985. ³ Zone 2 (Birmingham). ⁴ Phoenix. ⁵ Little Rock. Note: Price data are for Central Arkansas. Other data are a combination of Central Arkansas and Fort Smith.

⁶ Peoria. ⁷ Zone I (Chicago). ⁸ Denver. ⁹ Zone I (Erie, Pennsylvania). ¹⁰ Sioux Falls. Note: Price data are for Eastern South Dakota. Other data are a combination of Eastern South Dakota and Black Hills. ¹¹ Atlanta. ¹² Salt Lake City, Utah. ¹³ Kansas City and Topeka. ¹⁴ Monroe and Shreveport. ¹⁵ Indianapolis. ¹⁶ Zone I (Des Moines). ¹⁷ Las Vegas, Nevada. ¹⁸ Some of the data were restricted—pertains to fewer than three firms. ¹⁹ Zone II (Marquette). ²⁰ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. ²¹ Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, number of producers, producer deliveries, producer and average fat test of milk delivered, by markets, 1985 and 1986

Producer deliveries		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
968	1,088	833	899	84	82	2,818	3,117	3.67	3.65
1,341	1,370	746	789	56	58	22,967	24,084	3.70	3.69
541	505	434	404	80	80	1,950	2,135	3.52	3.51
150	144	85	86	56	60	1,562	1,619	3.75	3.71
14,218	14,177	2,755	2,862	19	20	2,082	2,151	3.70	3.70
1,020	1,078	656	656	64	61	4,486	5,280	3.66	3.68
3,866	3,884	2,033	1,985	53	51	1,735	1,807	3.68	3.70
390	338	141	144	36	42	2,261	2,157	3.66	3.65
1,833	1,797	1,484	1,461	81	81	2,944	3,111	3.65	3.65
1,167	1,381	584	601	48	44	4,588	5,115	3.55	3.56
892	835	436	410	49	48	1,975	2,127	3.66	3.63
532	579	452	489	82	81	2,553	2,509	3.59	3.59
1,865	1,964	1,235	1,226	66	62	1,897	1,953	3.71	3.72
2,542	2,664	749	741	30	28	1,921	1,981	3.68	3.68
206	227	126	126	61	61	9,876	15,111	3.43	3.48
1,069	1,064	677	638	63	60	1,565	1,712	3.70	3.69
93	120	84	107	90	89	12,159	17,961	3.71	3.63
349	325	257	251	74	77	2,429	2,444	3.61	3.61
25		15		74		1,255		3.67	
6,229	6,412	2,869	2,986	46	47	2,546	2,668	3.65	3.68
208	208	187	192	90	92	1,228	1,376	3.69	3.69
1,507	1,559	594	598	39	38	2,204	2,265	3.70	3.67
5,299	5,341	2,793	2,814	52	53	2,330	2,484	3.71	3.72
1,095	1,015	765	719	70	71	2,184	2,196	3.60	3.61
11,689	11,729	4,662	4,665	40	40	1,938	2,022	3.65	3.66
3,240	3,331	1,742	1,822	54	55	1,740	1,858	3.69	3.67
1,975	2,170	827	982	42	40	5,470	5,910	3.80	3.77
135	144	194	115	77	80	1,786	1,915	3.74	3.73
2,947	2,768	965	981	33	35	5,937	6,236	3.72	3.69
515	530	348	336	68	67	16,659	18,539	3.62	3.63
521		275		53		1,736		3.82	
909	1,082	805	967	89	89	15,262	13,278	3.57	3.56
1,648	2,081	1,004	1,229	61	59	1,949	2,118	3.69	3.68
4,970	4,782	2,074	2,055	42	43	2,270	2,353	3.67	3.68
721	707	117	125	16	18	5,615	6,270	3.66	3.67
2,438	2,770	1,218	1,258	50	49	2,138	2,346	3.65	3.61
1,036	784	913	674	88	86	9,084	10,417	3.58	3.59
1,459	1,517	1,065	1,108	73	73	2,191	2,323	3.68	3.69
4,467	4,569	3,023	3,008	68	66	4,221	4,630	3.59	3.59
135	136	96	93	73	68	11,184	11,140	3.60	3.65
517	671	449	579	87	86	7,197	8,740	3.58	3.62
10,778	10,817	1,458	1,488	14	14	1,832	1,888	3.69	3.69
107	107	80	77	74	71	6,263	7,088	3.63	3.65

²² Zone I (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. ²³ Zone I (New Orleans).

²⁴ New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 59 cents less.

²⁵ Central zone (Cincinnati and Columbus), January 1985-July 1986. Zone 3 (Columbus), August-December 1986.

²⁶ Portland. ²⁷ Zone I (Seattle). ²⁸ Albuquerque, Santa Fe, and El Paso. ²⁹ Zone I (St. Louis and Springfield). The Federal milk order including this marketing area was terminated effective April 1, 1985. Figures for 1985 are for January-March. The termination of this order affected significantly the data for Southern Illinois and Southwest Plains.

³⁰ Miami. ³¹ Base zone (Alton). See (27). ³² Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents.

³³ Boise, Idaho. ³⁴ Zone I (Oklahoma City). See (27). ³⁵ Bristol, Chattanooga, and Knoxville. ³⁶ Zone I (Dallas). ³⁷ Amarillo. ³⁸ Jacksonville and Tallahassee. ³⁹ Zone I (Minneapolis). ⁴⁰ Grand Junction.

Table 479.—Milk markets under Federal order program: Whole milk and defined marketing areas

Federal milk order marketing area	Whole milk items ^a		
	Quantity		Milkfat
	1985	1986	1985
	1,000 pounds	1,000 pounds	Percent
Alabama-West Florida.....	540,450	528,335	3.31
Black Hills, South Dakota.....	12,258	12,162	3.45
Central Arizona.....	320,404	320,451	3.50
Central Arkansas.....	138,047	135,486	3.32
Central Illinois.....	63,651	57,720	3.26
Chicago Regional, Ill.-Wis.....	946,118	892,722	3.27
Eastern Colorado, Colo.-Kans.....	264,111	246,440	3.30
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa.....	933,450	839,346	3.23
Eastern South Dakota, S. Dakota- Iowa-Minn.....	20,179	18,014	3.28
Fort Smith, Arkansas.....	21,018	25,550	3.56
Georgia.....	670,190	676,282	3.29
Great Basin, Utah-Nev.-Wyo.....	156,585	142,007	3.23
Greater Kansas City, Mo.-Kans.....	214,071	205,389	3.25
Greater Louisiana.....	389,439	393,477	3.52
Indiana.....	374,975	365,759	3.25
Iowa, Iowa-Ill.....	155,392	132,626	3.31
Lake Mead, Nev.-Utah.....	88,075	87,613	3.42
Louisville-Lex.-Evans, Ky.-Ind.....	261,606	255,945	3.28
Lubbock-Plainview, Texas.....	55,536	62,879	3.35
Memphis, Tenn.-Miss.-Ark.....	115,336	110,864	3.35
Michigan Upper Peninsula, Mich.-Wis.....	25,676	23,814	3.34
Middle Atlantic, Del.-D.C.-Md.- N.J.-Pa.-Va.....	1,679,210	1,641,625	3.27
Nashville, Tenn.-Ky.....	199,127	192,678	3.30
Nebraska-Western Iowa, Nebr.- Iowa-S. Dak.....	153,618	140,776	3.25
New England, Mass.-Conn.- N.H.-R.I.-Vt.....	1,811,274	1,730,670	3.30
New Orleans-Mississippi, La.-Miss.....	540,374	525,030	3.50
New York-New Jersey.....	3,328,829	3,218,846	3.39
Ohio Valley, Ind.-Ky.- Mich.-Ohio-W. Va.....	789,854	715,488	3.26

milk and lowfat and skim milk products sold for fluid consumption within
 ting areas, 1985 and 1986 ¹

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		Lowfat and skim milk items ^a				Total fluid milk items			
Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Percent	Percent	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	1,000 pounds	Percent	Percent
3.31	3.30	340,734	372,573	1.35	1.39	881,184	900,907	2.55	2.51
3.45	3.34	21,180	24,609	1.83	1.58	33,438	36,771	2.43	2.33
3.50	3.49	403,965	436,128	1.72	1.71	724,370	756,579	2.51	2.47
3.32	3.33	87,627	90,772	1.50	1.54	225,673	226,258	2.62	2.61
3.36	3.26	135,916	135,413	1.76	1.76	199,566	193,132	2.24	2.21
3.27	3.28	1,793,824	1,889,890	1.70	1.61	2,739,943	2,782,612	2.24	2.20
3.30	3.28	358,421	388,343	1.72	1.72	622,532	634,783	2.39	2.33
3.23	3.25	964,442	1,037,854	1.76	1.64	1,897,892	1,877,290	2.49	2.44
3.28	3.28	90,412	92,474	1.72	1.68	110,591	110,488	2.00	1.96
3.56	3.18	14,092	15,690	1.45	1.49	35,109	41,239	2.71	2.53
3.29	3.28	431,875	459,601	1.28	1.33	1,102,065	1,135,883	2.50	2.49
3.23	3.24	366,435	395,282	1.80	1.80	523,021	537,289	2.23	2.18
3.25	3.26	305,242	324,654	1.61	1.51	519,313	530,042	2.28	2.26
3.52	3.46	171,025	188,809	1.52	1.51	560,463	582,286	2.91	2.83
3.25	3.22	806,483	832,101	1.75	1.70	1,181,458	1,197,860	2.22	2.20
3.31	3.32	519,619	493,424	1.67	1.75	675,011	626,050	2.04	2.00
3.42	3.43	75,550	77,577	1.84	1.80	163,624	165,189	2.69	2.66
3.28	3.28	391,971	410,270	1.77	1.69	653,576	666,215	2.37	2.35
3.35	3.34	22,520	26,372	1.40	1.42	78,056	89,232	2.79	2.77
3.35	3.31	87,398	96,211	1.44	1.43	202,733	207,075	2.53	2.44
3.34	3.33	64,530	65,897	1.78	1.70	90,206	89,711	2.19	2.11
3.27	3.27	1,129,157	1,205,999	1.45	1.46	2,808,367	2,847,623	2.54	2.50
3.30	3.30	158,513	165,177	1.50	1.48	357,640	357,855	2.50	2.48
3.25	3.25	321,504	334,479	1.63	1.51	475,122	475,255	2.16	2.10
3.30	3.30	925,402	1,020,238	1.08	1.12	2,736,676	2,750,908	2.55	2.49
3.50	3.54	245,380	266,185	1.29	1.28	785,753	791,214	2.81	2.78
3.39	3.38	1,205,938	1,291,660	1.29	1.27	4,534,767	4,510,506	2.81	2.78
3.26	3.26	1,104,422	1,154,168	1.77	1.70	1,844,276	1,869,657	2.37	2.34

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Oregon-Washington.....	250,152	223,397	3.31
Paducah, Ky.-Mo.....	46,043	42,480	3.23
Puget Sound-Inland, Wash., Idaho.....	278,925	264,143	3.33
Rio Grande Valley, N. Mex., Texas-Colo.....	310,592	306,321	3.35
St. Louis-Ozarka, Mo.-Ill.-Ark. ¹	64,487		3.24
Southeastern Florida.....	539,801	542,541	3.31
Southern Illinois.....	167,251	162,028	3.25
Southern Michigan.....	970,521	937,084	3.23
Southwestern Idaho-Eastern Oregon.....	47,693	43,191	3.27
Southwest Plains, Okla., Kans., Mo.....	616,049	595,258	3.28
Tampa Bay, Fla.....	407,777	405,873	3.29
Tenn. Val.-Ky.-Va.-W. Va., Ga.....	341,841	338,661	3.28
Texas.....	2,037,344	1,968,442	3.33
Texas Panhandle, Texas-Okla.....	61,542	57,520	3.31
Upper Florida.....	484,556	467,661	3.29
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa.....	228,368	213,350	3.27
Western Colorado.....	31,454	27,418	3.23

¹ In-area sales include total sales in each of the areas by handlers regulated under the Federal Milk Marketing Order and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas to sell miscellaneous whole milk products. ² Plain, fortified, and flavored skim and lowfat milk.

including this marketing area was terminated effective 4/1/85. Figures for 1985 are for January through March.

Agricultural Marketing Service.

3.31	3.33	601,508	648,221	1.73	1.73	851,659	871,617	2.19	2.13
3.23	3.23	36,962	39,174	1.58	1.60	83,005	81,655	2.50	2.45
3.33	3.31	634,034	657,727	1.78	1.77	912,959	921,870	2.25	2.21
3.35	3.34	106,056	114,670	1.52	1.50	418,648	420,990	2.87	2.84
3.24		97,262		1.59		161,749		2.25	
3.31	3.32	268,589	296,348	1.30	1.24	806,390	838,889	2.65	2.61
3.25	3.25	308,985	326,766	1.76	1.67	476,236	488,793	2.29	2.26
3.23	3.26	935,085	991,338	1.34	1.26	1,905,606	1,928,422	2.30	2.29
3.27	3.29	97,363	102,568	1.78	1.79	145,056	145,759	2.27	2.24
3.28	3.17	376,961	382,103	1.52	1.53	993,010	977,361	2.61	2.53
3.29	3.29	286,103	312,175	1.13	1.16	693,880	718,048	2.40	2.36
3.28	3.29	358,196	373,489	1.33	1.32	700,036	712,150	2.38	2.37
3.33	3.35	878,506	959,486	1.38	1.39	2,915,850	2,927,928	2.74	2.71
3.31	3.27	19,053	20,159	1.48	1.45	80,595	77,679	2.88	2.80
3.29	3.29	291,796	329,059	1.16	1.20	776,352	796,720	2.49	2.42
3.27	3.27	1,128,825	1,161,033	1.49	1.45	1,357,193	1,374,383	1.79	1.75
3.23	3.21	26,951	29,258	1.67	1.71	58,405	56,676	2.51	2.43

under the respective order, by handlers regulated under other orders, by partially regulated handlers, marketing areas; therefore, some handlers' in-area sales are partially estimated. ³ Plain, flavored, and lowfat milk, buttermilk, and miscellaneous skim and lowfat milk products. ⁴ The Federal milk order for January-March.

Table 480.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1972-86

Year	Milk cows, per head ¹	Milk per 100 pounds ²						Milkfat in cream, per pound ⁴
		Eligible for fluid market ³		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent	Cents
1972	397.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975	412.00	9.02	3.67	7.63	3.66	8.75	3.67	71.0
1976	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978	675.00	10.80	3.66	9.55	3.67	10.60	3.67	102.0
1979	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0
1980	1,190.00	13.23	3.65	12.01	3.67	13.05	3.65	(^a)
1981	1,200.00	13.95	3.64	12.72	3.66	13.77	3.64	(^a)
1982	1,110.00	13.80	3.65	12.60	3.68	13.61	3.65	(^a)
1983	1,080.00	13.75	3.65	12.61	3.67	13.58	3.65	(^a)
1984	895.00	13.61	3.66	12.49	3.69	13.46	3.66	(^a)
1985	850.00	12.90	3.67	11.72	3.68	12.75	3.67	(^a)
1986	820.00	12.62	3.66	11.46	3.68	12.50	3.67	

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes ⁶							
	Milk for evaporated milk ⁷		Milk for butter and byproducts		Milk for cheese			
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	American cheese		All cheese	
					Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
1972	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69
1980	11.49	3.56	11.95	3.64	12.04	3.68	12.08	3.68
1981 ^a	12.29	3.59	12.64	3.62	12.74	3.67	12.78	3.67

¹ Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

² Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

³ Milk eligible for fluid market, including surplus diverted to manufacturing.

⁴ Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

⁵ Estimate discontinued.

⁶ Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

⁷ Includes milk for canned condensed milk.

^a Data not available after 1981.

National Agricultural Statistics Service.

Table 481.—Dairy products: Factory production of specified items, by States, 1984-86

State	Butter			Total American cheese ^a			Total cheese ^a		
	1984	1985	1986 ^b	1984	1985	1986 ^b	1984	1985	1986 ^b
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
AL									
AZ									
AR							20,403	23,166	
CA	192,213	228,776	214,641	109,009	168,459	190,116	304,835	374,228	443,379
CO							4,964	5,213	
CT									
DE									
FL									
GA									
ID	10,936	17,744		102,858	110,010	97,676	131,861	140,421	132,885
IL							100,701	104,877	96,485
IN	15,544	19,471		44,767	43,842	41,959	46,102	45,081	41,959
IA	11,044	17,168		105,496	119,744	116,436	218,501	233,626	231,726
KS	9,502	17,501	17,290	24,371	25,665	30,249	30,669	36,446	38,917
KY				24,416	34,693	34,371	41,464	52,399	52,711
LA									
ME	142								
MD									
MA		1,270							
MI	43,568	45,608	37,677	15,732	20,576	22,110	40,531	51,387	53,566
MN	148,681	156,035	156,678	494,964	549,482	515,151	560,858	595,144	566,872
MS				10,375			10,579	12,570	11,522
MO	22,858	22,151	21,927	56,773	59,120	69,268	133,648	141,386	152,581
MT	1,768	1,794							
NE	29,104			20,585	20,235	18,327	71,462	81,998	92,248
NV									
NH									
NJ							42,063	43,394	43,376
NM									
NY	39,001	41,884	40,541	76,128	82,498	78,383	423,486	449,026	484,217
NC									
ND	4,893	5,479	6,086	52,415	53,991	48,493	52,418	53,991	48,493
OH	16,768	19,858	20,290	35,921	33,354	30,807	97,432	106,608	107,487
OK									
OR	13,311	15,500	12,896	30,028	31,091	26,716	30,241	31,233	25,812
PA	63,152	64,230	68,215				147,441	221,595	227,898
RI									
SC									
SD	3,782			93,248	91,458	85,016	125,926	131,777	127,259
TN				10,618			23,825	20,470	17,513
TX									
UT	6,369	8,315	7,936	52,801	44,282	41,035	76,666	71,088	68,450
VT				25,821			92,708	105,175	106,387
VA				4,492			5,302	6,445	5,826
WA	70,892	84,496	86,067	28,087	30,752	33,565	47,205	51,851	57,175
WI	273,002	295,582	273,939	1,063,716	1,089,231	1,061,188	1,699,150	1,778,265	1,813,542
WV									
US ^c	1,103,316	1,247,792	1,202,392	2,648,459	2,855,230	2,796,169	4,673,993	5,080,942	5,200,169

See footnotes at end of table.

Table 481.—Dairy products: Factory production of specified items, by States, 1984-86—Continued

State	Evaporated and sweetened condensed whole milk (case goods) ¹			Nonfat dry milk for human food			Total ice cream		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
AL							17,115	17,316	18,983
AZ							6,565	6,537	6,711
AR							6,145	6,554	6,629
CA				271,838	314,848	273,940	106,689	103,213	106,560
CO							9,592	9,763	10,335
CT									
DE									
FL							34,924	37,041	37,180
GA							8,143	8,497	9,768
ID				21,159			4,751	4,625	5,063
IL							32,960	29,520	31,504
IN							27,332	30,694	28,347
IA				75,558	97,153	94,881	18,747	21,214	24,126
KS							8,173	7,651	7,171
KY									
LA							9,779	9,158	8,477
ME								1,108	1,055
MD							16,572	15,644	17,695
MA							46,862	46,992	45,186
MI				102,809	100,938	94,559	31,398	35,334	33,520
MN				159,365	170,601	184,241	37,342	37,057	38,906
MS							4,444	4,333	3,109
MO							20,657	19,242	20,631
MT							1,984	1,895	1,882
NE							7,502		
NV									
NH									
NJ							26,296	25,794	23,536
NM									
NY				48,252	58,065	51,625	46,466	46,434	47,456
NC							28,773	29,711	31,377
ND				5,502	7,664	7,786	2,233	2,225	2,074
OH	74,642			28,551		24,737	47,263	45,106	45,444
OK							11,092	12,442	12,272
OR							9,253	8,965	8,429
PA				36,524			80,250	84,275	88,413
RI									
SC							11,428	11,505	11,984
SD									
TN							19,135	19,119	21,075
TX							53,033	52,619	55,239
UT							8,108	8,712	9,447
VT									
VA							12,880	14,468	13,319
WA							17,500	18,153	18,557
WV							2,793	3,118	2,996
WI				101,997	123,158	95,618	22,231	21,651	23,061
US ⁴	647,663	635,292	584,426	1,160,670	1,390,033	1,284,143	894,468	901,449	923,597

¹ Preliminary.

² Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.

³ Includes full-skim American cheese; excludes cottage cheese.

⁴ Includes data for individual States which have less than 3 plants and are not shown separately.

⁵ Combined to avoid disclosure of individual operations.

National Agricultural Statistics Service.

Table 482.—Dairy products: Quantities manufactured, United States, 1979-86

Product	1979	1980	1981	1982	1983	1984	1985	1986 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter.....	984,604	1,145,254	1,226,190	1,256,964	1,299,247	1,103,316	1,247,792	1,202,392
American cheese:								
Whole milk.....	2,180,899	2,375,756	2,642,263	2,752,298	2,927,716	2,648,459	2,855,230	2,798,160
Part skim.....	4,395	5,981	5,860	6,928	4,115	2,711	2,380	2,051
Swiss cheese (including block).....	213,283	218,940	214,410	221,085	309,467	307,958	222,886	227,340
Munster cheese.....	63,611	69,982	67,359	71,681	60,599	76,046	82,096	86,488
Brick cheese.....	14,885	15,373	13,878	14,251	14,157	16,082	20,131	30,387
Limburger cheese.....	1,562	1,564	1,248	1,456	1,149	1,225	1,049	1,119
Cream and Neufchatel cheese.....	212,292	228,587	241,335	262,780	269,993	276,466	293,769	321,504
Blue cheese.....	34,628	33,043	30,214	31,013	31,496	34,115	33,433	34,196
All Italian varieties of cheese.....	929,090	982,731	994,398	1,087,781	1,200,304	1,318,816	1,491,314	1,632,938
All other varieties of cheese ²	54,096	52,909	65,096	92,396	90,572	92,165	77,742	83,216
Total of all cheese ³	3,717,241	3,984,266	4,277,561	4,541,609	4,819,471	4,673,993	5,080,942	5,209,169
Cottage cheese:								
Curd ⁴	668,546	667,433	647,541	628,949	616,162	606,219	596,845	600,122
Creamed ⁵	839,735	824,546	773,321	748,869	742,506	736,061	715,561	704,819
Lowfat ⁶	150,383	179,836	206,333	217,572	215,941	229,331	244,390	265,475
Sweetened condensed milk:								
Bulk goods:								
Skimmed.....	46,527	45,681	46,007	49,148	51,394	51,343	49,551	55,416
Unskimmed.....	81,283	68,763	70,351	69,639	74,704	66,061	69,481	72,888
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed.....	689,200	685,881	659,641	632,133	693,832	803,641	841,100	967,089
Unskimmed.....	157,880	156,406	195,619	223,880	193,348	238,273	272,044	276,530
Evaporated and condensed milk:								
Case goods:								
Skimmed.....	14,175	15,793	20,490	19,531	16,038	18,035	20,837	17,673
Unskimmed.....	796,076	724,665	757,919	734,921	694,185	647,663	635,292	584,426
Condensed or evaporated buttermilk.....	40,889	40,016	41,159	50,869	51,011	37,899	41,284	41,549
Dry buttermilk.....	44,671	43,875	43,814	38,632	46,497	43,485	51,523	65,677
Dry whole milk.....	85,320	82,712	92,724	102,226	111,209	119,622	118,856	122,366
Nonfat dry milk.....	908,713	1,160,691	1,314,270	1,400,455	1,499,902	1,160,670	1,390,033	1,284,143
Dry skim milk (animal feed).....	6,129	6,944	7,846	9,731	10,324	7,672	8,282	9,718
Dry whey.....	732,941	689,718	778,730	790,502	892,164	897,946	996,829	1,031,033
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream.....	811,079	829,798	832,450	852,072	981,543	894,466	901,449	923,597
Sherbet (does not include water ices).....	45,124	45,187	45,732	45,575	47,732	47,488	48,206	49,679
Ice milk ⁴	296,653	298,384	290,992	280,550	294,913	299,825	301,312	314,673

¹ Preliminary.² Includes full-cream American cheese beginning 1978.³ Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.⁴ Includes freemake-made milkshakes in most States.

National Agricultural Statistics Service.

Table 483.—Mellorine-type frozen desserts: Production by States, United States totals, 1972-86

Year	Ala- bama	Ari- zo- na	Arkan- sas	Calif- ornia	Ill- inois	Louis- iana	Miss- ouri	Mont- ana	Okla- homa	Ore- gon	Texas	United States ¹
	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons
1972.....		574	1,050	10,971	3,790	511	1,899		1,719	927	20,660	45,447
1973.....		527	903	9,759	3,226	345	1,522		1,380	766	18,813	39,775
1974.....		526	922	8,295	1,915	336	1,377		1,198	532	17,006	34,605
1975.....		546	713	6,747	1,402	217	993		1,037	532	15,833	30,038
1976.....		437	656	5,258	1,140	112	889		657	402	11,507	22,284
1977.....		393	571	4,877	1,004	116	752		586	295	9,100	18,795
1978.....			458	3,421	954	82	527		456	251	7,949	16,284
1979.....			413	2,725	1,070		519	58	375	230	6,913	15,674
1980.....			393	2,263	912		487		241	203	6,052	13,190
1981.....			378	1,744	857	4	479		204	190	5,642	11,191
1982.....			399	1,146	812		495		196		5,120	10,130
1983.....	147		310	807	639		170		167		5,473	10,066
1984.....			621	645	716				138		3,857	8,886
1985.....			528	594	346				108		4,184	8,752
1986 ²			267	387	168				64		4,622	8,429

¹ Includes several minor producing States which are not shown separately.² Preliminary.

National Agricultural Statistics Service.

Table 484.—Dairy products: Manufacturers' average selling price of specified products, United States, 1972-86

Year	Unsweetened evaporated milk, per case of 48 14½- ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory ¹
	Dollars	Cents	Cents	Cents
1972.....	7.52-9.31	32.70	25.41	48.96
1973.....	8.16-9.28	45.79	34.51	57.95
1974.....	10.18-12.75	58.37	37.74	66.06
1975.....	10.98-14.15	62.13	37.93	71.90
1976.....	11.88-14.77	63.30	34.60	79.24
1977.....	12.05-15.62	66.65	32.02	80.69
1978.....	(²)	71.01	33.14	89.63
1979.....		79.94	35.63	101.58
1980.....		88.58	40.31	110.97
1981.....		93.92	43.66	118.53
1982.....		(²)	(²)	(²)
1983.....		98.84	39.91	119.65
1984.....		91.17	40.64	118.38
1985.....		84.59	41.18	114.18
1986.....		80.94	40.78	111.87

¹ Includes milk sold in bulk and in package.² Estimate discontinued.³ Data not available for 1982.

National Agricultural Statistics Service.

Table 485.—Dairy products: Manufacturers' stocks, end of month, United States, 1985 and 1986

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	42,249	61,340	6,553	5,490	56,317	68,039
February.....	43,648	72,741	6,531	6,278	57,695	63,288
March.....	50,245	73,191	7,791	7,087	64,510	74,433
April.....	68,183	86,157	7,143	6,934	70,384	79,211
May.....	83,324	91,608	6,235	4,944	79,767	85,245
June.....	97,645	103,452	6,264	4,495	94,167	85,304
July.....	113,754	106,912	6,335	6,765	87,605	67,247
August.....	119,905	111,756	5,775	6,804	80,826	65,082
September.....	117,079	105,087	6,860	6,608	81,012	52,072
October.....	105,709	87,793	4,551	4,275	70,675	39,892
November.....	79,052	62,118	5,815	5,634	68,614	43,700
December.....	62,293	45,001	6,509	6,692	78,235	57,899

National Agricultural Statistics Service.

Table 486.—Dairy products: Cold-storage holdings, first of month, United States, 1985 and 1986

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese ¹	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	277,277	206,259	865,655	742,075	11,575	10,784	968,890	835,843
February.....	289,433	242,369	843,965	721,916	11,043	12,366	944,968	813,189
March.....	291,669	283,270	806,382	734,643	10,953	11,547	907,723	815,727
April.....	272,695	304,950	791,854	742,876	11,517	11,660	898,619	838,428
May.....	283,191	330,823	802,976	778,478	10,960	11,577	911,008	873,301
June.....	286,800	342,785	846,826	794,408	12,418	11,052	954,155	892,843
July.....	280,664	337,641	853,562	815,068	11,219	11,540	963,513	915,573
August.....	264,606	304,351	856,816	816,002	12,271	11,852	962,870	916,166
September.....	247,023	279,621	841,485	759,888	12,069	12,634	940,987	858,982
October.....	231,596	253,271	794,558	711,222	12,011	10,974	891,829	804,994
November.....	206,891	218,527	782,505	665,473	11,615	9,672	877,491	757,005
December.....	205,514	192,963	758,815	601,669	12,892	10,726	852,937	693,636

¹ Includes American, Swiss, and other types of natural cheese.

National Agricultural Statistics Service.

Table 487.—Dairy products: Dec. 31 stocks, United States, 1972-86

Year	Butter ^{1 2}	Cheese ^{1 3}	Canned milk ⁴	Dry whole milk	Nonfat dry milk for human consumption ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1972.....	107,470	331,444	80,480	3,351	44,857
1973.....	46,379	357,808	69,217	5,377	74,585
1974.....	49,227	493,973	79,199	6,419	293,203
1975.....	10,856	368,579	58,617	5,630	468,943
1976.....	47,058	478,465	70,677	9,085	485,396
1977.....	184,907	486,031	75,164	5,972	677,886
1978.....	206,990	457,261	70,300	4,383	585,091
1979.....	177,760	512,221	76,955	4,812	485,242
1980.....	304,646	690,730	53,009	5,268	596,770
1981.....	429,184	975,762	46,808	5,953	889,699
1982.....	466,822	1,064,224	52,878	6,024	1,281,967
1983.....	499,372	1,266,388	47,656	6,411	1,405,178
1984.....	309,849	1,061,881	41,952	5,434	1,247,633
1985.....	216,698	944,276	63,283	6,509	1,011,112
1986 ⁵	251,789	789,100	50,553	6,692	686,841

¹ Includes Government holdings.² Includes butter equivalent of butteroil held by CCC.³ Excludes cottage and full-cream American cheese. Includes process American cheese held by CCC.⁴ Includes stock held by CCC.⁵ Preliminary.

Economic Research Service.

Table 488.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1972-86 ¹

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds		Billion pounds	Billion pounds	Pounds
1972.....	55.2	54.3	262	1977.....	52.7	53.1	239	1982.....	50.2	49.6	216
1973.....	54.2	53.4	255	1978.....	52.4	51.7	235	1983.....	50.6	49.9	216
1974.....	52.2	51.5	243	1979.....	52.5	51.8	232	1984.....	51.4	50.8	217
1975.....	52.6	52.0	243	1980.....	51.8	51.2	227	1985.....	52.7	52.1	220
1976.....	52.9	52.3	242	1981.....	51.1	50.5	222	1986 ²	53.4	52.8	221

¹ Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.² Preliminary.

Economic Research Service.

Table 489.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1972-86¹

Year	Butter ²			Cheese ³			Condensed and evaporated milk ⁴		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1972.....	1,094	1,017	4.9	2,759	2,719	13.1	1,445	1,310	6.3
1973.....	1,025	999	4.8	2,888	2,849	13.6	1,353	1,245	5.9
1974.....	972	958	4.5	3,117	3,071	14.6	1,278	1,175	5.6
1975.....	1,024	1,012	4.7	3,115	3,072	14.3	1,239	1,118	5.3
1976.....	945	934	4.3	3,418	3,375	15.7	1,192	1,067	5.0
1977.....	950	941	4.3	3,560	3,514	18.1	1,086	989	4.8
1978.....	974	966	4.4	3,792	3,737	17.0	1,019	899	4.1
1979.....	1,016	1,005	4.5	3,908	3,837	17.2	1,028	911	4.1
1980.....	1,020	1,012	4.5	4,037	3,975	17.6	969	854	3.8
1981.....	1,107	970	4.3	4,241	4,169	18.3	1,085	932	4.1
1982.....	1,229	991	4.3	4,722	4,617	20.1	1,080	925	4.0
1983.....	1,270	1,134	4.9	4,903	4,796	20.7	981	900	3.9
1984.....	1,295	1,146	4.9	5,184	5,058	21.4	968	880	3.8
1985.....	1,345	1,157	4.9	5,501	5,358	22.6	966	876	3.7
1986 ⁵	1,171	1,107	4.6	5,661	5,544	23.2	955	878	3.7

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1972.....	3,685	3,600	17.3	76	24	0.12	1,270	955	4.6
1973.....	3,714	3,634	17.3	76	21	.10	1,154	1,113	5.3
1974.....	3,753	3,679	17.4	67	15	.07	916	884	4.2
1975.....	4,015	3,945	18.5	63	16	.08	828	703	3.3
1976.....	3,928	3,858	17.9	75	33	.15	911	764	3.5
1977.....	3,887	3,817	17.5	72	34	.16	917	729	3.3
1978.....	3,914	3,844	17.4	77	56	.25	1,015	689	3.1
1979.....	3,893	3,823	17.1	85	66	.30	1,010	739	3.3
1980.....	3,984	3,914	17.3	82	63	.28	1,064	674	3.0
1981.....	3,996	3,926	17.2	104	83	.36	1,014	493	2.2
1982.....	4,090	4,020	17.5	102	88	.38	1,010	482	2.1
1983.....	4,231	4,161	17.9	111	94	.40	1,389	515	2.3
1984.....	4,293	4,223	18.0	121	98	.42	1,321	566	2.5
1985.....	4,327	4,257	18.0	117	105	.44	1,630	530	2.2
1986 ⁵	4,433	4,363	18.3	122	113	.47	1,610	588	2.5

¹ Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

² Includes both farm and factory-made butter.

³ Includes all kinds of cheese except cottage and full-skim American.

⁴ The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

⁵ Preliminary.

Economic Research Service.

Table 490.—Dairy products: Average price per pound for specified products, 1967 and 1983-86

Item and market	1967	1983	1984	1985	1986
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	0.6671	1.4832	1.4947	1.4197	1.4522
Grade A (92-score).....	.6668	1.4780	1.4851	1.4111	1.4452
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA (93-score).....	.7896	1.7229	1.7459	1.6894	1.7140
Butter, spot cash call prices, ¹ Chicago Mercantile Exchange:					
Grade AA (93-score):					
High.....	.6875	1.5600	1.6075	1.4550	1.5375
Low.....	.6575	1.4100	1.4100	1.3825	1.3625
Grade A (92-score):					
High.....	.6250	1.5400	1.6075	1.4500	1.5375
Low.....	.6575	1.3750	1.3750	1.3825	1.3625
Cheese, Cheddar, f.o.b. Wisconsin Assembly Points:					
Barrels.....		1.3381	1.3078	1.2208	1.2029
40-pound blocks.....	.4522	1.3828	1.3796	1.2772	1.2730
Cheese, prices ¹ National Cheese Exchange, Inc.: ²					
Cheddar, barrels:					
High.....	.4200	1.3350	1.3350	1.3075	1.2450
Low.....	.4025	1.2750	1.2750	1.1650	1.1725
Cheddar, 40-pound blocks:					
High.....	.4400	1.3675	1.3950	1.3450	1.3050
Low.....	.4225	1.3100	1.3100	1.2125	1.2175
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade ³	*.2075	.9331	.9100	.8406	.8064
Grade A.....		.9477	.9198	.8503	.8159
Whey powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....		.1219	.1752	.1520	.1316
Used for animal feed (spray process).....		.1099	.1549	.1386	.1176

¹ Prices represent high and low for the year.² Green Bay, Wisconsin.³ Average for high and low heat processing.⁴ Includes Grade A.

Agricultural Marketing Service.

Table 491.—Butter: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Czechoslovakia	182	150	150
Canada.....	119	108	108	German Dem. Rep.....	309	316	317
Mexico.....	17	16	21	Hungary.....	32	31	31
United States.....	500	585	540	Poland.....	322	308	285
Total.....	636	711	667	Romania.....	49	47	52
				Yugoslavia.....	15	10	9
South America:				Total Eastern Europe.....	879	862	844
Argentina.....	28	32	33	Total Europe.....	3,259	3,128	3,231
Brazil.....	70	70	65				
Venezuela.....	5	6	7	Soviet Union.....	1,588	1,506	1,630
Total.....	103	108	105				
Europe:				Africa:			
Belgium and Luxembourg.....	110	105	123	South Africa.....	18	17	17
Denmark.....	104	110	110				
France.....	621	595	630	Asia:			
Germany, Fed. Rep. of.....	572	515	560	India.....	690	700	729
Greece.....	6	5	5	Japan.....	78	89	95
Ireland.....	171	163	154	Total.....	768	789	815
Italy.....	69	72	69				
Netherlands.....	241	229	265	Oceania:			
Portugal.....	3	4	4	Australia ²	111	114	105
Spain.....	13	15	15	New Zealand ³	287	293	301
United Kingdom.....	205	202	212	Total.....	398	407	406
Total EC.....	2,115	2,013	2,147	Grand total.....	6,770	6,756	6,871
Austria.....	45	43	42				
Finland.....	80	73	74				
Norway.....	25	25	23				
Sweden.....	77	74	66				
Switzerland.....	38	37	35				
Total other Western Europe.....	265	253	240				

¹ Preliminary.² Year ending June 30.³ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 492.—Cheese: Production in specified countries, 1984-86

Continent and country	1984 ¹	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada.....	192	213	225	Sweden.....	116	109	108
Mexico.....	188	187	262	Switzerland.....	130	126	132
United States.....	2,120	2,279	2,365	Total other Western Europe.....	471	469	470
Total.....	2,500	2,679	2,852	Czechoslovakia.....	130	131	132
South America:				German Dem. Rep.....	237	246	250
Argentina.....	210	220	245	Hungary.....	54	51	51
Brazil.....	200	205	185	Poland.....	115	118	115
Venezuela.....	67	73	73	Romania.....	95	97	120
Total.....	477	498	503	Yugoslavia.....	54	52	50
Europe:				Total Eastern Europe.....	685	693	718
Belgium and Luxem- bourg.....	53	37	41	Total Europe.....	5,052	5,126	5,179
Denmark.....	293	253	256	Soviet Union.....	780	809	825
France ²	1,287	1,300	1,300	Africa:			
Germany, Fed. Rep. of.....	465	495	510	South Africa.....	35	34	33
Greece.....	185	193	200	Asia and Oceania:			
Ireland.....	55	78	66	Japan.....	19	20	20
Italy.....	661	684	690	Australia³.....	161	160	169
Netherlands.....	515	522	532	New Zealand⁴.....	110	118	127
Portugal.....	35	39	41	Total.....	290	298	296
Spain.....	102	101	100	Grand total.....	9,134	9,444	9,708
United Kingdom.....	245	260	253				
Total EC.....	3,896	3,962	3,991				
Austria.....	83	83	78				
Finland.....	72	79	77				
Norway.....	70	72	75				

¹ Preliminary. ² Includes uncured cheese. ³ Year ending June 30. ⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 493.—Dairy products: United States imports by type of product, 1972-86

Year	Dried milk ¹	Cheese				Butter	Casein
		Swiss ²	Cheddar ²	Other	Total		
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1972.....	727	20,996	4,674	55,679	81,349	324	47,810
1973.....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974.....	52,200	35,892	48,635	58,637	143,164	5,252	51,296
1975.....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976.....	824	34,639	3,649	55,714	94,002	255	50,867
1977.....	831	33,978	4,246	56,760	94,984	337	65,429
1978.....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979.....	989	34,169	4,653	73,820	112,642	357	68,415
1980.....	2,218	30,214	4,858	69,778	104,850	258	69,019
1981.....	1,248	29,990	4,750	77,600	112,340	810	57,981
1982.....	878	30,479	5,751	85,944	122,174	764	80,175
1983.....	1,136	31,045	5,781	93,014	129,840	768	72,428
1984.....	1,113	31,513	6,300	100,997	138,810	742	87,357
1985.....	1,816	31,827	5,778	99,811	137,216	852	87,321
1986 ⁴	969	29,904	6,445	97,610	133,959	926	105,030

¹ Includes whole and skimmed milk. ² Includes Emmenthaier with eye-formation. ³ Includes colby cheese.⁴ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 494.—Dairy products: United States imports by country of origin, 1984-86

Commodity and country of origin	1984	1985	1986 ¹	Commodity and country of origin	1984	1985	1986 ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Butter:				United Kingdom	254	216	192
Ireland	28	179	149	Australia	1,220	1,226	1,184
Denmark	117	168	162	New Zealand	3,778	3,528	4,800
Finland	7	17	1	Other countries	180	168	160
Canada	40	118	109	Total	6,300	5,778	6,445
New Zealand	205	243	226				
Germany, Fed. Rep. of	60	46	69	Cheese, Swiss:²			
France	26	26	62	Austria	6,320	6,142	6,915
United Kingdom	193	9	29	Denmark	1,064	1,884	1,195
Other countries	66	46	119	Finland	8,175	8,464	8,190
Total	742	852	926	France	509	372	283
				Germany, Fed. Rep. of	3,786	3,411	3,232
Cheese, all types:				Iceland	300	299	300
Canada	1,884	1,704	1,781	Netherlands	685	353	362
Argentina	4,897	4,816	4,039	Norway	6,725	6,754	6,840
Austria	7,972	7,719	7,523	Switzerland	3,294	3,218	2,735
Belgium and Luxembourg	1,054	1,880	2,730	Other countries	656	730	752
Denmark	18,615	18,498	13,213	Total	31,513	31,627	29,904
Finland	10,467	10,838	10,478				
France	12,773	12,082	10,375	Milk, nonfat dry milk:			
Germany, Fed. Rep. of	11,171	8,279	10,359	Canada	254	673	337
Iceland	623	622	623	Australia	600	600	512
Ireland	785	598	562	New Zealand	0	0	0
Italy	11,951	14,215	12,666	Other countries	19	0	15
Netherlands	6,774	7,647	7,012	Total	973	1,273	864
Norway	7,258	7,301	7,319				
Portugal	766	721	2,238	Cheese:			
Sweden	1,312	1,361	1,412	Netherlands	3,645	3,568	3,674
Switzerland	6,319	6,168	5,313	Denmark	6,006	2,179	3,725
United Kingdom	1,463	2,573	2,401	France	2,547	6,291	4,850
Israel	962	755	980	Germany, Fed. Rep. of	1,666	695	883
Czechoslovakia	239	181	123	Ireland	28,075	17,782	29,429
Hungary	690	648	862	Norway	1,092	1,014	1,090
Poland	1,123	1,079	1,093	United Kingdom	1,315	2,543	3,248
New Zealand	21,386	20,054	22,574	Poland	3,805	2,231	2,920
Other countries	8,306	7,477	8,333	Australia	6,316	6,932	5,470
Total	138,810	137,216	13,959	New Zealand	51,293	42,957	46,288
				Other countries	2,339	1,109	3,653
Cheese, cheddar:³				Total	107,999	87,321	105,090
Canada	864	569	586				
Austria	36	20	5				
Ireland	8	51	18				

¹ Preliminary.² Includes colby cheese.³ Includes Emmentaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 495.—Dairy products: Exports by principal exporting countries, 1984-86

Commodity and country of destination	1984	1985	1986 ¹	Commodity and country of destination	1984	1985	1986 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Condensed milk:			
Belgium/Luxembourg.....	144,387	157,000	150,000	United States.....	377	835	2,622
Denmark.....	67,476	59,000	65,000	Belgium/Luxembourg.....	4,707	5,273	n.a.
France.....	168,263	188,000	105,000	France.....	33,122	32,822	n.a.
Germany, Fed. Rep. of.....	87,059	87,000	200,000	Germany, Fed. Rep. of.....	5,030	6,991	n.a.
Ireland.....	118,777	105,000	90,000	Netherlands.....	94,389	111,018	n.a.
Netherlands.....	281,711	175,000	150,000	Total.....	137,625	156,939	n.a.
United Kingdom.....	23,188	25,000	25,000				
Australia ²	44,000	54,000	49,000	Milk, dried whole:			
New Zealand ³	201,000	227,000	223,000	United States.....	1,041	749	1,817
Total.....	1,037,000	1,070,000	1,067,000	Belgium/Luxembourg.....	32,089	32,412	27,000
				Denmark.....	89,201	85,215	84,000
Cheese:⁴				France.....	156,043	156,016	140,000
Denmark.....	243,000	201,000	206,000	Germany, Fed. Rep. of.....	54,728	42,191	55,000
Finland.....	38,000	36,000	32,000	Ireland.....	29,611	28,586	24,000
France.....	239,000	248,000	239,000	Netherlands.....	211,051	204,352	198,000
Germany, Fed. Rep. of.....	280,000	280,000	315,000	United Kingdom.....	37,917	40,478	34,000
Ireland.....	54,000	65,000	62,000	Australia ²	30,750	49,000	49,000
Italy.....	42,000	50,000	50,000	New Zealand ³	106,858	133,804	155,000
Netherlands.....	339,000	356,000	365,000	Total.....	749,289	772,903	764,317
Switzerland.....	64,000	66,000	66,000				
Australia ²	55,000	68,000	66,000	Milk, nonfat dry milk:			
New Zealand ³	96,000	85,000	98,000	Canada.....	70,000	61,000	50,000
Total.....	1,450,000	1,455,000	1,499,000	United States.....	268,875	347,329	365,962
				Belgium/Luxembourg.....	100,000	98,000	115,000
Evaporated milk:				Denmark.....	18,000	25,000	18,000
United States.....	3,290	4,425	2,287	France.....	257,000	191,000	260,000
Denmark.....	6,742	8,112	n.a.	Germany, Fed. Rep. of.....	592,000	471,000	350,000
France.....	41,992	45,003	n.a.	Ireland.....	208,000	201,000	124,000
Germany, Fed. Rep. of.....	175,215	205,946	n.a.	Netherlands.....	114,000	109,000	130,000
Netherlands.....	363,142	390,012	n.a.	United Kingdom.....	175,000	133,000	140,000
United Kingdom.....	26,046	34,636	n.a.	Australia ²	61,000	93,000	82,000
Total.....	616,427	678,134	n.a.	New Zealand ³	235,000	235,000	1,850,962
				Total.....	2,098,875	1,964,339	1,850,962

¹ Preliminary.² Year ending June 30.³ Year ending May 31.⁴ Excludes fresh cheese.

n.a. not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 496.—Dairy products: United States exports¹ by country of destination, 1984-86

Commodity and country of destination	1984	1985	1986 ²	Commodity and country of destination	1984	1985	1986 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, all types:			
Bahamas.....	13	34	20	Australia.....	23	20	31
Belgium-Luxembourg.....	0	0	0	Bahamas.....	122	123	138
Canada.....	3	40	3	Barbados.....	30	21	22
Dominican Rep.....	429	255	0	Bermuda.....	80	61	90
Egypt.....	18,760	17,340	2,025	Belize.....	44	79	51
Jamaica.....	1,832	8	104	Canada.....	1,118	999	840
Mexico.....	1,885	10,933	3,758	Cayman Island.....	104	95	95
Mozambique.....	1,443	973	0	Chile.....	895	2,142	185
New Zealand.....	0	0	0	Columbia.....	147	103	77
Poland.....	19,620	280	84	Dominican Rep.....	719	522	25
Trust Territory of the Pacific Islands.....	42	1	0	Egypt.....	4,943	4,120	506
Other countries.....	151	101	166	Haiti.....	69	82	105
Total³.....	44,178	29,965	6,165	Hong Kong.....	87	88	65

See footnotes at end of table.

Table 496.—Dairy Products: United States exports¹ by country of destination, 1984-85—Continued

Commodity and country of destination	1984	1985	1986 ²	Commodity and country of destination	1984	1985	1986 ²
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Cheese, all types—Con.				Bolivia.....	5,016	4,412	6,436
Indonesia.....	44	35	15	Brazil.....	17,345	25,638	84,135
Jamaica.....	1,927	826	1,035	Burkina Faso.....	2,753	6,469	5,801
Japan.....	993	710	784	Chad.....	1,120	5,745	0
Korea.....	80	100	76	Chile.....	8,064	16,864	6,481
Leeward-Windward Is.....	326	17	27	Egypt.....	18,836	19,471	3,335
Mexico.....	1,297	3,958	6,065	El Salvador.....	3,716	7,421	6,976
Mozambique.....	339	329	0	Ethiopia.....	7,702	26,290	21,557
Netherlands.....	27	39	0	Guatemala.....	15,336	6,248	7,872
Netherlands Antilles.....	127	81	145	Haiti.....	3,147	5,279	3,333
Panama.....	416	474	429	India.....	25,609	451	535
Peru.....	280	0	8	Indonesia.....	4,914	3,562	4,653
Poland.....	1,723	0	0	Iraq.....	0	0	6,066
Saudi Arabia.....	34	97	42	Jamaica.....	7,990	8,449	9,610
Singapore.....	36	7	47	Kenya.....	4,000	1,473	0
South Africa.....	20	37	44	Mauritania.....	6,657	7,099	3,810
Taiwan.....	38	19	21	Mexico.....	31,458	39,653	58,291
Trinidad and Tobago.....	88	118	181	Morocco.....	9,053	6,429	6,639
Trust Territory of the Pacific Islands.....	68	6	0	Nigeria.....	344	4,921	1,970
Venezuela.....	164	36	32	Pakistan.....	5,058	7,971	3,709
Other countries.....	323	339	1,259	Peru.....	11,196	3,839	14,817
Total.....	16,731	15,692	12,440	Philippines.....	9,218	9,797	14,580
Evaporated milk:				Poland.....	8,680	5,664	1,828
Bahamas.....	5	42	135	Senegal.....	6,697	4,815	2,032
Haiti.....	107	362	256	Somalia.....	4,588	4,844	1,601
Mexico.....	2,965	3,242	1,452	South Africa.....	1,658	4,292	259
Nigeria.....	0	0	109	Spain.....	0	47,402	0
Trinidad-Tobago.....	0	106	92	Sudan.....	630	11,904	3,093
Trust Territory of the Pacific Islands.....	591	440	108	Other countries.....	42,576	51,385	53,282
Other countries.....	222	219	135	Total².....	268,075	347,329	365,962
Total.....	3,290	4,425	2,287	Infants dietary supplements, dry milk base:			
Condensed milk:				Canada.....	199	296	256
Bahamas.....	10	101	696	Dominican Republic.....	569	105	18
Barbados.....	0	0	294	Bermuda.....	55	65	59
Belize.....	0	0	145	Bahamas.....	58	64	102
Bermuda.....	0	0	213	Israel.....	101	84	129
Hong Kong.....	32	72	72	Mexico.....	53	6	13
Mexico.....	37	94	120	Panama.....	35	22	38
Netherlands Antilles.....	0	0	397	Poland.....	32	296	77
Trust Territory of the Pacific Islands.....	105	37	90	Peru.....	77	37	8
Other countries.....	193	534	595	Taiwan.....	146	168	128
Total.....	377	838	2,622	Hong Kong.....	977	247	378
Milk, nonfat dry:				Malaysia.....	108	121	76
Angola.....	3,663	3,491	4,356	Italy.....	89	49	35
Austria.....	0	0	28,905	Spain.....	146	42	9
				Singapore.....	51	57	22
				United Kingdom.....	204	176	47
				Australia.....	329	255	101
				Other countries.....	964	752	1,232
				Total².....	4,193	2,722	2,725

¹ Excludes exports for relief.² Preliminary.³ Totals may not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 497.—Dairy products: Price-support operations, United States, 1972-86

Marketing year ¹	Manufacturing milk			Butter-fat ²	Product purchase price per pound ⁴			Product purchases ⁵			
	Support level		Average price received by farmers per cwt.		Butter ⁶	Cheddar cheese ⁶	Nonfat milk, spray process ⁷	Quantity		Percentage of milk and cream marketed by farmers	
	At National Average Milkfat test, per cwt.	Per-centage of parity equivalent price ³		Average price received by farmers per lb.				Milk-fat content	Non-fat solids content	Milk-fat content	Non-fat solids content
	Dollars	Percent	Dollars	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Per-cent	Per-cent
1972.....	4.93	79	5.22	68.1	67.708	54.75	31.7	192	274	4.5	2.8
	⁹ 5.29	85			¹⁰ 60.9	¹⁰ 62.0	¹⁰ 37.5				
1973.....	5.29	75	6.95	68.3	60.9	62.0	37.5	28	53	.7	.6
	¹¹ 5.61	80				¹¹ 65.0	¹¹ 41.4				
1974.....	6.57	81	8.87	61.3	60.57	70.75	56.6	90	415	2.2	4.3
	¹² 7.24	89			¹² 68.07	¹² 77.25	¹² 60.6				
1975.....	7.24	79	8.12	74.6	69.19	79.25	60.06	36	280	1.0	3.0
	¹³ 7.71	84			¹³ 79.69	¹³ 85.00	¹³ 62.4				
1976.....	8.13	80	8.52	¹⁴ 83.4	85.817	¹⁴ 90.50	62.4	126	213	2.9	2.1
	¹⁴ 8.26	81			¹⁴ 90.817	¹⁴ 92.50					
(¹⁵).....	(9.00)	(82)	(8.65)		(100.71)	(98.00)	(68.0)	(139)	(382)	(6.2)	(6.9)
1977 ¹	9.00	82	9.30	¹⁵ 92.0	100.71	98.00	68.0	125	343	2.9	3.4
	¹⁵ 9.43	86			106.71	103.25	71.0				
1978.....	9.87	80	10.86	¹⁶ 102.0	111.30	106.0	73.75	44	202	1.0	2.0
	¹⁶ 10.76	87			121.80	116.0	79.0				
1979.....	11.49	80	11.75	¹⁷ 119.0	131.33	124.0	84.0	301	679	6.7	6.3
	¹⁷ 12.36	86			140.58	132.5	89.5				
1980.....	13.10	80	12.71		149.00	139.5	94.0	465	928	9.9	8.3
	13.49	75	12.68		153.00	143.25	96.5	508	1,104	10.5	9.7
1981.....	¹⁸ 13.10	73			149.00	139.50	94.0				
1982.....	13.10	69	12.66		149.00	139.50	94.0	604	1,268	12.1	10.9
	¹⁹ 13.10	65	12.66		149.00	139.50	94.0	374	914	7.5	7.7
1983.....	²⁰ 12.60	62			143.25	134.75	91.0				
	12.60	59	12.47		143.25	134.75	91.0	420	974	8.4	8.3
1984.....	²¹ 12.10	57			143.25	128.75	84.75				
	²² 11.60	54			139.75	124.00	80.75				
1985.....	11.60	55	12.08		139.75	²³ 125.00	80.75				
	²⁴ 11.60	54			139.75	125.00	80.75				
1986.....	11.35	53	11.31		²⁵ 137.75	²⁵ 122.50	²⁵ 78.75				

¹ Marketing year changed from April-March to October-September on Oct. 1, 1977. ² Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year.

³ The agricultural Act of 1949, as amended, required that the price of butterfat be supported through March 31, 1970. This requirement was superseded by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973.

⁴ Announced purchase prices for products in bulk containers. ⁵ Through March 31, 1985, indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. Effective April 1, 1985, single nationwide price. ⁶ U.S. Grade A or higher, standard moisture basis. ⁷ U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967.

⁸ Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program). Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973.

⁹ Effective Jan. 10, 1971. ¹⁰ Effective Mar. 15, 1973. ¹¹ Effective Aug. 10, 1973. ¹² Effective Jan. 4, 1975. ¹³ Effective Oct. 2, 1975. ¹⁴ Effective Oct. 1, 1976. ¹⁵ Calendar year average, discontinued after 1979. ¹⁶ Transition period. ¹⁷ Effective Apr. 1, 1978 (80 percent of parity as of that date).

¹⁸ Effective Apr. 1, 1979 (78 percent of parity as of that date). ¹⁹ Effective Apr. 1, 1980 (75 percent of parity as of that date). ²⁰ Effective Oct. 21, 1981. ²¹ Effective Dec. 1, 1983. ²² Effective Apr. 1, 1985.

²³ Effective July 1, 1985. ²⁴ Effective Dec. 23, 1985. ²⁵ Effective Dec. 23, 1986.

Agricultural Stabilization and Conservation Service.

Table 498.—Dairy products: United States exports ¹ by type of product, 1972-86

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1972	18,907	2,904	18,373	6,738	17,060	70,272
1973	1,501	3,180	18,768	895	22,427	4,716
1974	264	3,433	18,449	1,013	20,284	5,039
1975	313	3,579	24,019	957	15,783	41,974
1976	199	3,939	20,185	2,141	14,098	4,684
1977	272	4,660	13,057	2,408	10,579	17,580
1978	270	4,775	14,967	1,819	5,877	49,840
1979	424	5,405	17,968	1,531	4,418	68,135
1980	391	5,715	17,435	2,037	3,474	101,060
1981	53,583	5,731	14,469	1,049	2,663	112,705
1982	62,682	17,959	8,355	167	2,694	126,416
1983	27,577	17,447	2,272	280	1,360	250,944
1984	44,178	16,731	3,290	577	1,941	268,875
1985	29,965	15,895	4,425	838	749	347,329
1986 ^a	6,165	12,434	2,285	2,622	1,317	385,962

¹ Excludes exports for relief and charity.^a Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 499.—Chickens: Number and value, United States, Dec. 1, 1972-86 ¹

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1972	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973	125,706	168,095	52,026	56,554	6,086	408,769	1.62	662,509
1974	121,849	164,184	46,752	45,832	5,484	394,101	1.70	652,305
1975	122,513	157,230	48,404	46,261	5,346	379,764	1.74	659,960
1976	119,083	160,696	47,776	45,175	5,632	378,361	1.70	643,720
1977	117,645	169,032	47,653	46,191	5,997	386,518	1.69	651,851
1978	123,191	170,115	48,992	48,681	5,954	396,933	1.75	696,019
1979	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980	122,058	172,009	47,183	44,358	6,323	391,931	1.88	737,495
1981	126,946	164,840	42,400	42,298	6,836	385,338	1.89	728,460
1982	133,382	156,255	40,479	42,547	6,556	379,219	1.85	702,556
1983	132,674	145,843	37,747	42,331	6,285	364,880	1.96	716,700
1984	119,243	166,605	39,013	42,703	6,444	374,006	2.02	754,312
1985	130,623	149,146	37,649	44,512	6,618	368,548	1.90	700,150
1986 ^a	124,840	155,300	39,575	41,746	7,220	368,687	1.87	680,165

¹ Does not include commercial broilers.^a Preliminary.

National Agricultural Statistics Service.

Table 500.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1984-86

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1984	1985	1986 ¹	1984	1985	1986 ¹	1984	1985	1986 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL	3,300	4,700	4,750	8,540	6,595	6,435	11,940	11,295	11,185
AK	37	24	10	23	19	43	60	43	53
AZ	173	298	815	289	82	165	462	380	480
AR	4,954	6,966	7,508	10,445	8,719	7,684	15,402	15,685	15,192
CA	17,700	16,700	15,400	14,300	15,700	17,500	34,000	32,400	32,900
CO	1,020	1,150	1,470	1,600	1,185	1,130	2,620	2,335	2,600
CT	3,222	1,816	2,182	2,025	2,915	3,211	5,247	4,731	5,303
DE	129	110	150	460	468	465	589	578	615
FL	5,930	7,300	6,750	5,270	3,100	3,710	11,200	10,400	10,460
GA	8,294	8,892	7,335	10,964	8,951	11,134	19,278	17,843	18,469
HI	559	609	609	355	391	364	944	1,000	973
ID	666	598	509	368	440	371	1,034	1,047	880
IL	1,600	1,510	1,280	1,680	1,370	1,450	3,280	2,680	2,680
IN	8,950	9,930	8,855	12,896	11,950	12,745	21,840	21,880	21,600
IA	3,000	2,700	2,600	4,100	3,500	3,400	7,100	6,200	6,000
KS	800	590	650	1,100	1,390	1,270	1,900	1,980	1,920
KY	700	875	880	1,135	930	925	1,835	1,805	1,905
LA	830	835	720	890	755	800	1,720	1,590	1,520
ME	2,282	2,067	2,148	2,952	2,700	2,714	5,234	4,967	4,862
MD	968	1,900	1,424	2,580	2,112	2,395	3,548	3,412	3,819
MA	651	360	500	450	680	630	1,101	1,040	1,130
MI	2,650	2,900	2,550	4,040	4,200	4,150	6,700	7,100	6,700
MN	3,800	3,945	4,700	6,250	5,725	5,300	10,050	9,670	10,000
MS	2,125	2,959	2,460	2,875	2,561	2,888	5,000	5,520	5,348
MO	2,400	2,100	2,700	3,700	3,900	3,600	6,100	6,000	6,300
MT	360	388	352	430	402	438	790	790	790
NE	1,940	1,900	1,800	1,570	1,590	1,600	3,510	3,490	3,400
NV	9	10	10	3	2	2	12	12	12
NH	163	221	157	322	301	146	485	422	303
NJ	440	1,255	1,020	790	545	900	1,230	1,800	1,920
NM	797	638	743	353	462	427	1,150	1,100	1,170
NY	2,900	2,800	2,400	4,200	3,700	3,200	7,100	6,500	5,600
NC	6,260	6,200	6,570	7,540	7,700	8,030	13,800	13,900	14,600
ND	215	275	128	285	165	102	500	440	230
OH	3,200	4,800	6,150	11,000	10,400	9,300	14,200	15,200	15,450
OK	1,200	1,700	1,300	2,540	2,130	2,100	3,740	3,530	3,400
OR	1,745	1,840	1,610	940	840	965	2,685	2,680	2,575
PA	5,900	8,300	5,700	13,500	10,100	11,600	18,500	18,400	17,300
RI	142	100	85	173	217	192	315	317	227
SC	2,930	2,550	2,750	3,300	3,870	3,490	6,220	6,420	6,240
SD	611	640	821	973	1,050	719	1,584	1,690	1,540
TN	1,410	1,120	1,000	1,790	1,680	1,585	3,200	2,680	2,585
TX	5,550	7,800	6,100	7,750	6,800	8,700	13,300	14,100	14,300
UT	1,025	910	1,213	843	838	645	1,868	1,748	1,858
VT	89	101	72	178	119	148	253	220	220
VA	1,964	1,596	1,590	2,168	1,728	2,113	3,532	3,324	3,703
WA	3,286	3,074	2,744	2,274	2,190	2,357	5,560	5,264	5,101
WV	350	303	341	190	268	157	540	471	498
WI	1,600	1,450	1,818	2,040	1,910	1,894	3,540	3,360	3,712
WY	26	18	11	14	12	11	40	30	22
US	119,248	130,623	124,840	166,606	149,146	155,300	285,948	279,769	280,140

¹ Preliminary.

National Agricultural Statistics Service.

Table 501.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1954-56 ¹

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1954	1955	1956 ²	1954	1955	1956 ²	1954	1955	1956 ²
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....	1,790	1,790	2,270	2,530	3,100	2,120	605	640	940
AK.....	1	21	3	6	1	1	1	1	1
AZ.....	9	56	21	4	9	11	15	15	15
AR.....	2,514	3,195	4,322	3,624	3,884	3,600	1,600	1,062	1,250
CA.....	2,970	2,800	4,800	3,500	4,300	2,900	230	220	300
CO.....	240	75	124	360	172	206	15	13	11
CT.....	492	667	842	486	741	385	7	37	14
DE.....	101	127	104	106	137	145	52	67	74
FL.....	1,350	1,050	1,300	1,500	1,700	1,700	150	150	150
GA.....	3,060	3,512	3,085	3,325	3,661	3,040	920	879	1,162
HI.....	128	92	107	123	118	105	0	0	0
ID.....	184	122	137	169	229	238	23	12	15
IL.....	500	390	290	380	500	260	40	40	40
IN.....	2,490	2,740	2,770	3,320	3,920	3,470	80	80	75
IA.....	1,050	900	800	1,475	950	850	75	50	50
KS.....	90	200	210	350	320	220	20	20	20
KY.....	480	(¹)	320	180	(¹)	120	105	(¹)	55
LA.....	240	250	250	400	370	385	90	90	95
ME.....	578	631	579	1,218	1,026	1,054	14	15	13
MD.....	350	735	591	614	534	615	83	101	104
MA.....	160	192	30	225	109	130	34	24	20
MI.....	1,200	1,200	620	950	860	750	50	40	30
MN.....	1,975	1,720	1,260	1,720	1,250	1,485	55	60	55
MS.....	1,100	913	1,120	1,158	1,204	1,410	362	372	397
MO.....	530	650	750	1,000	1,000	870	70	50	80
MT.....	116	128	91	111	84	125	8	8	4
NE.....	280	180	225	190	280	350	20	20	25
NV.....	2	2	2	2	2	2	1	1	1
NH.....	61	81	63	41	58	96	31	1	8
NJ.....	105	90	10	70	160	135	5	5	5
NM.....	192	171	111	152	190	328	8	9	6
NY.....	1,200	700	500	950	740	570	50	60	30
NC.....	2,970	3,225	2,885	2,790	3,125	3,245	610	1,000	830
ND.....	90	43	30	32	46	24	13	11	6
OH.....	2,500	1,720	1,950	2,400	2,200	2,900	100	80	100
OK.....	430	370	480	720	220	450	140	130	170
OR.....	280	300	330	480	260	410	40	40	50
PA.....	1,880	1,710	2,200	1,820	1,810	2,400	200	180	150
RI.....	27	0	23	31	3	3	0	1	0
SC.....	810	650	960	210	430	1,150	110	100	100
SD.....	149	139	94	200	117	211	7	4	5
TN.....	500	(¹)	265	280	(¹)	850	120	(¹)	100
TX.....	2,000	1,300	1,200	1,600	1,600	1,100	500	500	400
UT.....	120	377	203	321	297	345	5	3	3
VT.....	54	53	48	52	25	45	2	2	2
VA.....	636	636	624	675	688	472	204	174	172
WA.....	230	590	220	230	720	352	50	50	27
WV.....	147	(¹)	41	41	(¹)	76	62	(¹)	56
WI.....	550	410	314	480	550	374	30	30	53
WY.....	2	2	1	1	1	1	2	2	1
US.....	39,013	37,649	39,575	42,703	44,512	41,746	5,444	6,618	7,220

¹ Data for Ky, Tenn, and W. Va. not shown to avoid disclosing individual operations.² Preliminary.

National Agricultural Statistics Service.

Table 502.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1984-86¹

State	Number			Value per head			Total value		
	1984	1985	1986 ²	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL	16,865	16,875	16,515	2.10	1.90	2.15	35,417	32,063	35,507
AK	68	66	58	4.80	4.40	4.85	326	290	281
AZ	490	460	528	2.00	1.55	2.25	980	713	1,188
AR	22,560	23,766	24,382	2.45	2.85	2.50	55,272	67,733	60,955
CA	40,700	39,220	40,900	1.90	1.65	1.50	77,330	64,713	61,350
CO	3,175	2,595	2,985	1.85	1.75	1.35	5,874	4,541	3,982
CT	6,232	6,176	6,634	2.40	2.45	2.35	14,957	15,131	15,590
DE	848	929	938	3.05	4.45	4.05	2,586	4,134	3,799
FL	14,200	13,300	13,610	1.75	1.35	1.95	24,850	17,955	26,540
GA	26,584	25,695	25,696	2.35	2.15	2.25	62,472	55,244	57,816
HI	1,195	1,210	1,185	2.95	3.05	2.90	3,525	3,601	3,437
ID	1,420	1,420	1,270	2.50	1.80	1.60	3,550	2,556	2,032
IL	4,200	3,610	3,270	1.50	1.40	1.85	6,300	5,054	6,050
IN	27,730	28,620	27,915	1.45	1.20	1.40	40,209	34,344	39,081
IA	9,700	8,100	7,700	1.85	1.75	1.90	17,945	14,175	14,630
KS	2,360	2,520	2,370	1.55	1.35	1.00	3,658	3,402	3,792
KY	2,600	3,340	2,300	1.65	1.75	1.80	4,290	5,845	4,140
LA	2,450	2,300	2,250	2.35	2.20	2.20	5,758	5,060	4,950
ME	7,044	6,639	6,508	2.25	2.15	2.35	15,849	14,274	15,294
MD	4,595	4,782	5,129	2.20	2.55	2.15	10,109	12,194	11,027
MA	1,520	1,385	1,310	2.60	2.85	1.95	3,952	3,890	2,555
MI	9,000	9,200	8,100	1.60	1.45	1.45	14,400	13,340	11,745
MN	13,800	12,700	12,800	1.90	1.80	1.40	26,220	22,860	17,920
MS	7,620	8,009	8,275	2.45	2.50	2.65	18,669	20,023	21,929
MO	7,700	7,700	8,000	1.70	1.60	1.65	13,090	12,320	13,200
MT	1,025	1,010	1,010	2.00	1.80	2.00	2,050	1,818	2,020
NE	4,000	3,970	4,000	2.25	2.25	2.35	9,000	8,933	8,600
NV	17	17	17	2.70	2.60	2.50	46	44	49
NH	618	572	430	3.25	3.20	2.75	2,009	1,830	1,193
NJ	1,410	2,055	2,070	1.95	1.85	1.95	2,750	3,802	4,037
NM	1,502	1,470	1,615	2.00	2.25	2.45	3,004	3,308	3,957
NY	9,300	8,000	6,700	1.95	1.85	1.70	18,135	14,800	11,330
NC	20,170	21,250	21,560	2.35	2.15	1.85	47,400	45,688	39,886
ND	635	540	290	2.10	2.10	2.10	1,334	1,080	609
OH	19,200	19,200	20,400	1.40	1.35	1.45	26,880	25,920	29,580
OK	5,030	4,550	4,500	2.20	3.10	3.30	11,066	14,165	14,850
OR	3,485	3,280	3,365	2.30	1.90	1.90	8,016	6,232	6,394
PA	22,500	22,100	22,050	2.25	1.65	1.85	50,625	36,465	40,793
RI	373	321	253	2.60	2.60	2.05	970	835	519
SC	7,360	7,600	8,450	2.00	1.70	1.35	14,720	12,920	11,408
SD	1,940	1,950	1,850	1.85	1.80	1.60	3,589	3,510	2,990
TN	4,100	3,300	3,500	1.85	1.85	1.70	7,585	6,105	5,950
TX	17,400	17,500	17,500	1.95	2.00	1.60	33,930	35,000	28,000
UT	2,314	2,425	2,409	2.35	1.75	1.80	5,438	4,244	4,336
VT	361	300	315	2.65	2.70	2.35	957	810	740
WA	5,047	4,822	4,971	3.40	3.00	2.95	17,160	14,466	14,664
WV	6,130	6,624	5,700	1.45	1.85	1.60	8,889	12,254	9,120
WY	790	710	670	3.80	4.15	3.40	3,002	2,947	2,278
WI	4,600	4,350	4,453	1.75	1.70	1.80	8,050	7,395	8,015
WY	45	35	25	2.75	2.75	2.40	124	96	60
US	374,008	368,548	368,681	2.02	1.90	1.87	754,312	700,150	690,165

¹ Excludes commercial broilers.² Preliminary.

National Agricultural Statistics Service.

Table 503.—Total poultry meat: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:			
Canada.....	559	608	628
Mexico.....	646	627	608
United States.....	7,427	7,865	8,346
Total.....	8,632	9,100	9,582
South America:			
Argentina.....	245	249	245
Brazil.....	1,398	1,530	1,650
Venezuela.....	360	363	365
Total.....	2,003	2,133	2,260
Europe:			
Belgium and Luxembourg.....	144	159	165
Denmark.....	111	115	115
France.....	2,247	1,272	1,300
Germany, Fed. Rep. of.....	351	307	304
Greece.....	153	155	156
Ireland.....	53	54	57
Italy.....	950	929	935
Netherlands.....	410	425	440
Portugal.....	155	156	162
Spain.....	789	810	810
United Kingdom.....	856	880	910
Total EC.....	5,219	5,312	5,417
Austria.....	74	71	72
Finland.....	20	20	21
Sweden.....	44	45	45
Switzerland.....	26	28	28
Total other Western Europe.....	164	164	166
Bulgaria.....	166	165	165
Czechoslovakia.....	169	183	185
Germany, Dem. Rep.....	157	160	160
Hungary.....	405	400	430
Poland.....	265	280	300
Romania.....	465	450	430
Yugoslavia.....	311	297	318
Total Eastern Europe.....	1,938	1,943	1,978
Total Europe.....	7,321	7,419	7,561
Soviet Union.....	2,686	2,700	2,760
Africa:			
Egypt.....	165	170	100
South Africa.....	480	505	531
Total Africa.....	645	675	691
Asia, Middle East, and Oceania:			
Australia.....	297	345	365
Hong Kong.....	51	51	55
Iraq.....	193	226	300
Israel.....	216	180	168
Japan.....	1,309	1,395	1,399
Korea.....	121	128	132
Kuwait.....	19	19	20
Saudi Arabia.....	201	225	250
Syria.....	87	90	90
Taiwan.....	351	345	348
Turkey.....	98	108	119
United Arab Emirates.....	7	12	12
Yemen.....	3	4	5
Total.....	2,953	3,138	3,253
Grand total.....	24,240	25,165	26,097

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 504.—Chickens: Lost, sold, and value of sales, 1986 (preliminary) ¹

State	Number		Pounds (live weight)	Price per pound live weight	Value of sales
	Lost ²	Sold	Sold		
	Thousands	Thousands	1,000 pounds	Cents	1,000 dollars
AL.....	1,460	10,000	46,000	12.6	5,796
AK.....	25	15	68	69.0	47
AZ.....	66	189	756	9.0	68
AR.....	2,400	16,000	70,400	15.1	10,630
CA.....	8,200	19,700	80,770	9.5	7,673
CO.....	274	1,000	4,500	11.0	495
CT.....	472	3,149	15,745	9.0	1,417
DE.....	130	800	6,480	13.0	832
FL.....	1,520	5,200	24,960	13.0	3,245
GA.....	2,710	16,500	89,100	14.0	12,474
HI.....	149	362	1,839	14.4	193
ID.....	141	557	2,117	11.0	233
IL.....	300	2,000	8,800	12.1	1,065
IN.....	2,850	16,610	61,457	12.0	7,375
IA.....	800	4,500	15,750	11.9	1,874
KS.....	225	1,675	6,375	20.0	1,675
KY.....	400	1,300	4,680	16.0	749
LA.....	280	1,200	7,200	13.1	943
ME.....	322	4,604	24,401	9.0	2,196
MD.....	510	2,600	13,780	13.0	1,791
MA.....	92	1,168	6,190	9.0	557
MI.....	730	5,300	23,850	12.0	2,862
MN.....	1,600	7,700	28,490	9.5	2,707
MS.....	1,000	7,800	46,020	15.0	6,903
MO.....	1,100	4,000	25,600	12.0	3,072
MT.....	120	590	2,360	8.0	189
NE.....	500	1,590	5,088	14.0	712
NV.....	4	4	16	6.9	1
NH.....	24	360	1,908	9.0	172
NJ.....	310	1,400	5,880	21.0	1,235
NM.....	117	577	2,193	9.0	197
NY.....	800	5,600	22,960	8.3	1,906
NC.....	1,725	11,900	93,220	16.0	14,915
ND.....	80	400	1,600	9.0	144
OH.....	2,000	11,900	44,030	12.0	5,284
OK.....	450	3,100	20,460	15.1	3,069
OR.....	300	1,500	6,000	8.0	480
PA.....	1,800	16,500	85,800	9.0	7,722
RI.....	20	299	1,495	9.0	135
SC.....	730	4,500	20,250	16.1	3,260
SD.....	210	986	3,944	6.0	237
TN.....	375	1,920	7,680	12.5	960
TX.....	2,050	10,300	35,020	13.9	4,868
UT.....	165	860	3,440	10.0	344
VT.....	15	191	1,012	9.0	91
VA.....	224	2,618	13,326	15.2	2,786
WA.....	620	3,400	12,920	8.0	1,034
WV.....	104	400	1,800	12.0	216
WI.....	310	2,200	8,360	12.0	1,003
WY.....	11	14	56	5.0	3
US.....	35,820	216,908	1,022,566	12.5	127,858

¹ Estimates covers the 12-month period, Dec. 1 previous year through Nov. 30 and excludes broilers.² Includes death and other losses.

National Agricultural Statistics Service.

Table 505.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1972-86¹

Year	Number				
	Raised	Lost ²	Produced ³	Consumed on production units	Sold
	Thousands	Thousands	Thousands	Thousands	Thousands
1972 ⁴	291,352	58,045	233,307	16,110	234,769
1973	298,826	47,769	251,057	14,658	231,821
1974	298,353	46,235	242,118	14,421	252,365
1975	276,035	43,210	232,825	13,451	223,721
1976	270,678	42,077	228,601	12,775	217,219
1977	288,162	42,775	245,387	12,164	225,066
1978	283,066	41,371	241,695	11,420	219,860
1979 ⁵	293,260	42,545	250,715	11,207	235,856
1980	285,057	44,421	240,636	10,795	238,496
1981	282,953	40,468	242,485	10,502	238,576
1982	281,365	35,191	246,174	10,266	242,027
1983	272,551	40,835	231,716	9,345	236,710
1984	288,098	46,229	242,469	8,677	224,664
1985		37,502			220,385
1986 ⁶		35,820			216,958

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972 ⁴	1,117,816	61,724	1,128,813	8.9	100,467	100,634	5,155	105,789
1973	1,172,220	56,245	1,121,546	15.1	176,454	169,496	7,878	177,373
1974	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976	1,108,914	49,595	1,046,091	13.0	144,981	135,539	6,279	141,818
1977	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 ⁵	1,216,156	43,802	1,147,638	13.9	170,583	160,088	6,064	166,172
1980	1,177,654	41,776	1,167,017	11.0	128,698	128,266	4,539	132,807
1981	1,214,886	41,443	1,187,255	11.1	135,282	132,271	4,508	136,779
1982	1,171,585	40,399	1,158,703	10.3	121,021	118,915	4,080	122,995
1983	1,137,215	36,820	1,158,551	12.7	145,327	147,454	4,670	152,124
1984	1,137,774	34,246	1,067,729	15.9	180,823	169,732	5,488	175,230
1985			1,029,146	14.8	152,175			
1986 ⁶			1,022,566	12.5	127,853			

¹ Excludes broiler production.² Loss during year.³ The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.⁴ Annual production, disposition, cash receipts, and gross income estimates for chickens reported on a Dec. 1 through Nov. 30 marketing year.⁵ Included are layers destroyed because of possible PCB contamination.⁶ Preliminary.

National Agricultural Statistics Service.

Table 506.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States 1985¹

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thousands	Number	Thousands		Thousands	Number	Thousands
AL.....	48	64,352,803	543	6,164,671				
AZ.....	35	40,763,420	346	2,958,202				
AR.....	4	(²)	7	79,066	2	1,204,500	16	91,990
CA.....	1	230,000	2	7,900	8	(²)	147	522,085
CO.....	6	1,973,280	229	388,065	2	945,000	14	47,600
CT.....	4	11,360,898	45	324,545				
DE.....	33	15,644,794	142	1,331,330	3	387,150	1	314
FL.....	38	61,681,796	620	7,517,787	1	400,000	7	20,100
GA.....	2	1,158,000		86,500				
ID.....	82	2,448,018	150	880,349	1	211,800	1	6,000
IL.....	30	9,261,948	86	507,411	1	350,000	1	767
IN.....	23	5,521,160	87	291,039	3	676,000	14	53,750
IA.....	14	1,281,473	325	35,716	2	560,593	11	48,178
KS.....	4	1,363,500	12	73,714				
KY.....	67	3,257,350	91	802,454				
LA.....	5	4,046,240	88	84,731			5	45
ME.....	16	30,808,540	412	987,623	1	10,000	1	300
MD.....	8	1,882,320	76	220,000			5	1,468
MA.....	4	866,040	12	93,250	1	617,188	4	30,800
MI.....	38	6,357,035	98	379,958	7	7,810,692	112	635,703
MN.....	88	30,320,816	333	3,005,425				
MS.....	15	5,293,780	255	105,825	5	2,840,000	34	29,420
MO.....	2	7,277	4	6,609				
MT.....	15	1,351,796	184	21,093			2	6,700
NE.....								
NV.....	2	1,242,000	52	118,019	1	57,500	2	1,555
NH.....	3	2,164,400	178	1,854	1	62,000		
NJ.....	3	234,000		(²)	1	32,000		(²)
NY.....	35	935,566	57	62,486	1	40,000	1	1,412
NC.....	34	47,274,700	907	8,056,151	7	4,126,216	153	691,880
ND.....	4	124,000		(²)				(²)
OH.....	21	2,401,866	200	124,658	4	1,652,440	25	204,053
OK.....	17	5,732,880	221	186,181	2	374,400		
OR.....	13	3,948,400	17	78,059	8	405,000	3	45,696
PA.....	39	15,670,221	126	813,802	3	101,750	4	18,100
RI.....			12	587	1	20,000		
SC.....	7	2,972,000	617	177,984	1	832,000	2	400
SD.....	9	937,340	9	34,400	1	10,000		
TN.....	20	633,500	43	186,572				
TX.....	22	8,082,454	38	141,162	2	645,092	12	111,555
UT.....	1	500,000	1	10,000	2	810,000	2	48,600
VT.....			19	19,861				
VA.....	7	9,811,560	89	143,801	3	1,788,256	45	211,188
WA.....	8	2,397,300	32	159,041			4	22,260
WV.....	2	2,502,600	20	210,000			4	18,788
WI.....	32	3,269,940	30	183,890	3	976,400	18	96,800
WY.....								
US.....	870	412,187,614	6,717	36,544,291	73	27,947,277	650	2,972,518

¹ Year beginning July 1, 1985.² Not reported.³ Less than 1,000 birds.

Animal and Plant Health Inspection Service.

Table 507.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1972-86

Year	Production			Com- mercial storage at begin- ning of year	Exports and ship- ments to ter- ritories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total ¹				Military	Civilian	
								Total ¹	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	
1972.....	8,147	740	8,887	148	206	111	52	9,067	41.8
1973.....	8,025	736	8,760	111	203	147	47	8,474	40.4
1974.....	8,126	789	8,915	147	235	175	34	8,618	40.7
1975.....	8,127	696	8,823	175	273	115	39	8,571	40.1
1976.....	9,067	684	9,752	115	451	165	33	9,228	42.7
1977.....	9,418	700	10,118	155	481	139	25	9,627	44.1
1978.....	10,129	665	10,793	139	506	102	32	10,293	46.7
1979.....	11,219	731	11,950	102	507	142	33	11,279	50.6
1980.....	11,353	756	12,109	142	781	136	38	11,295	50.1
1981.....	11,985	757	12,742	136	920	149	36	11,774	51.6
1982.....	12,167	744	12,912	149	675	135	36	12,215	53.0
1983.....	12,400	717	13,117	135	691	119	36	12,512	53.8
1984.....	13,016	672	13,688	113	580	130	36	13,046	55.6
1985.....	13,762	636	14,397	129	582	171	36	13,748	58.0
1986 ²	14,316	629	14,945	171	734	187	37	14,158	59.2

¹ Totals may not add due to rounding. ² Preliminary.
Economic Research Service.

Table 508.—Chickens: Broiler production and value, United States, 1972-86 ¹

Year	Production		Price per pound ²	Value of production ²	Year	Production		Price per pound ²	Value of production ²
	Number	Weight				Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars		Thousands	1,000 pounds	Cents	1,000 dollars
1972 ⁴	3,074,921	11,490,101	14.1	1,622,638	1980.....	3,963,211	15,538,573	27.7	4,302,818
1973.....	3,008,667	11,219,885	24.0	2,690,362	1981.....	4,147,521	16,519,568	28.4	4,699,379
1974.....	2,992,820	11,320,396	21.5	2,436,224	1982.....	4,148,970	16,759,860	26.9	4,502,214
1975.....	2,950,099	11,096,015	26.3	2,915,017	1983.....	4,183,660	17,037,998	28.6	4,872,707
1976.....	3,273,556	12,481,136	23.6	2,945,058	1984.....	4,282,391	17,862,944	33.7	6,017,504
1977.....	3,393,897	12,961,942	23.6	3,059,497	1985.....	4,478,749	18,850,790	30.1	5,680,188
1978.....	3,613,647	13,999,702	26.3	3,675,628	1986 ⁵	4,646,312	19,651,075	34.5	6,780,124
1979.....	3,951,291	15,521,728	26.0	4,081,946					

¹ Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

² Live weight equivalent price.

³ Includes value of consumption in households of producers, which is less than 1 percent of total production.

⁴ Commercial broilers reported on a Dec. 1 through Nov. 30 marketing year.

⁵ Preliminary.

National Agricultural Statistics Service.

Table 509.—Chickens: Broiler production and gross income, by States, 1985 and 1986 ¹

State	1985				1986 ^a			
	Production		Price per pound ²	Value of production ³	Production		Price per pound ²	Value of production ³
	Number	Weight			Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars	Thousands	1,000 pounds	Cents	1,000 dollars
AL.....	561,757	2,247,028	28.0	629,168	587,563	2,350,252	33.0	775,583
AR.....	759,963	3,115,848	31.5	981,492	786,779	3,225,794	36.0	1,161,286
CA.....	174,338	819,389	33.5	274,495	184,832	868,710	36.0	312,736
DE.....	196,399	942,715	33.0	311,096	196,783	944,558	37.5	354,209
FL.....	104,207	416,828	28.5	118,796	111,884	447,536	33.0	147,687
GA.....	677,224	2,844,341	28.0	796,415	697,384	2,928,929	32.5	951,902
HI.....	2,359	9,964	52.0	4,661	2,288	8,923	51.0	4,551
IA.....	2,000	17,000	32.0	5,440	2,700	22,950	33.0	7,574
KY.....	3,176	14,610	28.0	4,091	3,012	12,650	33.0	4,175
MD.....	272,429	1,144,202	33.0	377,587	268,885	1,134,706	37.5	425,515
MI.....	1,300	5,460	31.0	1,639	690	2,520	35.0	882
MN.....	26,900	134,500	28.5	38,333	29,700	136,620	33.0	45,065
MS.....	328,732	1,347,801	31.0	417,818	335,704	1,376,386	35.5	488,617
NE.....	885	3,629	35.0	1,270	832	3,744	40.0	1,498
NY.....	1,750	7,700	31.5	2,426	2,000	9,000	36.0	3,240
NC.....	447,300	1,968,120	28.0	551,074	450,500	2,027,250	33.0	668,993
OH.....	9,000	37,800	25.5	9,639	9,900	42,570	34.0	14,474
OK.....	61,730	240,747	30.5	73,428	75,500	325,950	35.0	114,053
OR.....	14,400	64,800	38.0	21,384	15,800	71,100	32.0	22,752
PA.....	94,696	397,722	31.0	122,234	101,907	428,009	32.0	136,963
SC.....	60,367	229,395	28.5	65,377	63,801	242,444	33.0	80,006
TX.....	215,900	928,370	32.0	297,078	238,600	1,025,980	36.0	369,353
VA.....	154,096	678,022	30.5	206,797	154,156	693,702	35.0	242,796
WA.....	23,000	101,200	32.5	32,890	25,100	112,950	31.0	35,015
WV.....	25,689	95,049	31.0	29,465	29,010	104,436	36.5	38,119
WI.....	11,200	47,040	28.0	13,171	11,600	48,720	34.0	16,565
Other States.....	247,952	992,559	29.4	291,810	260,512	1,054,685	27.7	291,810
Total.....	4,478,749	18,850,790	30.1	5,680,188	4,646,312	19,651,075	34.5	6,780,124

¹ Commercial broiler production including other meat-type breeds excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. ² Live-weight equivalent price. ³ Value income including home consumption. ^a Preliminary.

National Agricultural Statistics Service.

Table 510.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1972-86

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production ¹
	Broiler-type	Egg-type	All		
	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1972.....	3,267,457	491,354	3,758,811	11.1	389,593
1973.....	3,286,986	534,256	3,741,242	12.7	441,968
1974.....	3,104,430	473,468	3,557,833	14.1	473,759
1975.....	3,169,071	453,804	3,622,875	14.6	493,198
1976.....	3,488,336	492,180	3,980,596	15.4	568,957
1977.....	3,636,672	501,913	4,138,585	15.8	612,591
1978.....	3,879,339	491,578	4,370,917	16.3	667,723
1979.....	4,197,758	518,953	4,716,711	16.8	749,572
1980.....	4,390,338	484,622	4,764,960	17.1	777,664
1981.....	4,416,641	454,175	4,870,816	18.1	843,926
1982.....	4,445,583	444,420	4,890,003	18.2	854,091
1983.....	4,446,999	406,985	4,853,934	18.3	851,142
1984.....	4,593,930	458,530	5,052,460	19.2	930,487
1985.....	4,802,156	406,537	5,208,993	18.8	939,116
1986.....	5,013,303	423,721	5,437,024	18.5	959,366

¹ Excludes egg-type cockerels destroyed.

National Agricultural Statistics Service.

Table 511.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1985 and 1986

Region ¹	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1985	1986	1985	1986	1985	1986	1985	1986
	Thousands	Thousands	Dollars	Dollars	Thousands	Thousands	Dollars	Dollars
Northeast.....	656,898	666,336	19.00	17.80	65,225	66,028	45.10	45.10
Lake States.....	41,872	45,786	37.60	37.30	30,676	35,297	48.70	45.60
Corn Belt.....	68,011	79,534	37.60	25.30	106,700	111,999	51.50	50.70
Appalachian.....	684,144	658,513	16.20	16.60	16,527	19,610	47.60	45.60
Southeast.....	1,582,456	1,649,128	12.80	12.50	77,965	80,189	62.50	61.30
Delta States.....	1,248,142	1,301,297	15.00	15.40	32,583	30,855	36.50	38.20
Southern Plains.....	290,757	330,225	35.00	30.20	8,277	9,745	53.00	44.40
Pacific.....	228,037	244,924	33.90	33.60	49,879	52,500	57.80	54.60
US ²	4,802,156	5,013,308	17.40	17.10	406,837	423,721	50.90	50.50

¹ Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

² Includes other regions not published separately.

National Agricultural Statistics Service.

Table 512.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1972–86

Year	Ratios ¹			Year	Ratios ¹		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds
1972.....	7.1	2.9	4.5	1980.....	6.1	2.7	3.6
1973.....	7.9	3.2	4.4	1981.....	6.0	2.5	3.1
1974.....	7.0	2.6	3.3	1982.....	6.2	2.6	3.3
1975.....	7.0	3.2	4.0	1983.....	6.0	2.6	3.0
1976.....	7.3	2.8	3.7	1984.....	4.9	2.9	3.9
1977.....	7.3	2.7	3.8	1985.....	6.2	3.0	4.5
1978.....	6.9	3.1	4.6	1986.....	7.0	3.7	4.1
1979.....	7.0	2.8	4.2				

¹ Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

² Ratio computed on a December through November marketing year rather than a calendar year.

National Agricultural Statistics Service.

Table 513.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1984-86

Class	Number inspected			Pounds inspected (live weight)		
	1984	1985	1986	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	4,272,328	4,439,051	4,642,784	17,800,956	18,623,543	19,675,636
Mature chickens.....	196,672	178,229	190,881	834,168	808,769	859,494
Total chickens.....	4,469,000	4,617,280	4,833,665	18,635,124	19,432,312	20,535,130
Young turkeys.....	159,661	169,514	191,429	3,187,169	3,444,365	3,879,405
Old turkeys.....	1,218	1,291	1,222	25,906	28,012	27,371
Fryer-roaster turkeys.....	2,740	4,292	4,222	26,102	41,128	40,264
Total turkeys.....	163,619	175,197	196,873	3,239,177	3,513,505	3,947,050
Ducks.....	20,160	21,608	22,882	128,240	140,272	149,335
Other poultry.....				7,253	5,441	4,871
Total poultry.....				22,000,794	23,091,530	24,636,386

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1984	1985	1986	Ante-mortem (live weight)		
				1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	12,998,613	13,569,794	14,265,627	56,270	60,533	61,331
Mature chickens.....	514,872	501,868	530,668	10,073	10,078	9,751
Total chickens.....	13,513,485	14,071,662	14,796,295	66,343	70,611	71,082
Young turkeys.....	2,534,100	2,746,289	3,060,588	8,306	9,454	12,519
Old turkeys.....	19,347	21,559	21,181	189	239	287
Fryer-roaster turkeys.....	20,048	32,152	31,309	54	90	109
Total turkeys.....	2,574,095	2,800,000	3,133,078	8,449	9,783	12,865
Ducks.....	89,159	97,354	104,620	139	156	247
Other poultry.....	4,320	3,213	2,871	15	13	10
Total poultry.....	16,181,059	16,972,229	18,036,864	74,946	80,563	84,204

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	238,464	278,689	321,427
Mature chickens.....	29,791	27,024	30,922
Total chickens.....	268,255	305,713	352,340
Young turkeys.....	50,798	54,521	67,555
Old turkeys.....	921	1,100	4,097
Fryer-roaster turkeys.....	389	581	462
Total turkeys.....	52,088	56,205	69,114
Ducks.....	1,740	2,056	2,037
Other poultry.....	57	72	50
Total poultry.....	322,140	364,044	423,564

National Agricultural Statistics Service.

Table 514.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1972-86

Year	Young chickens		Mature chickens		Turkeys		Other poultry ¹		Total poultry		
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed ²	Cut up	Further processed	Cut up
					Whole ³	Other					
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1972.....	436,999	2,316,644	465,675	5,735	639,112	299,777	96,637	2,575	1,638,423	2,624,731	
1973.....	485,339	2,443,143	481,253	5,413	790,841	262,702	115,121	1,446	1,872,554	2,712,704	
1974.....	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975.....	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976.....	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977.....	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,063	3,960,257
1978.....	830,229	3,717,089	453,299	10,896	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,398
1979.....	989,129	3,968,043	472,933	4,260	537,739	799,653	525,906	136,212	1,174	2,937,657	4,519,382
1980.....	1,219,925	4,882,312	518,036	5,123	671,124	952,774	655,797	204,658	2,381	3,566,517	5,545,513
1981.....	1,352,259	5,237,755	503,546	15,183	705,496	984,606	701,267	275,850	2,239	3,821,759	5,956,444
1982.....	1,510,095	5,791,426	496,935	23,107	747,421	1,003,939	733,976	324,967	2,569	4,083,357	6,551,078
1983.....	1,846,364	6,439,971	550,316	26,495	708,678	1,144,446	809,195	360,564	15,168	4,610,368	7,290,829
1984.....	2,192,917	6,761,109	549,366	5,950	648,992	1,248,625	942,065	372,948	12,646	5,012,848	7,721,770
1985.....	2,377,537	7,247,536	529,378	29,223	683,423	1,289,960	837,278	359,534	11,241	5,239,832	8,125,278
1986.....	2,969,684	8,101,601	579,053	26,712	844,307	1,498,543	1,084,686	337,045	20,120	6,228,632	9,233,119

¹ Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

² Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

³ Includes whole carcass turkeys.

National Agricultural Statistics Service.

Table 515.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1985-86

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry	
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	30	28	14,896	12,672	124,111	159,207	281,365	332,076
February.....	29	21	13,896	12,762	129,452	163,613	288,602	343,450
March.....	23	30	12,526	10,676	131,058	150,530	300,094	339,743
April.....	26	32	13,213	12,458	156,995	188,911	333,948	381,200
May.....	30	44	14,419	11,618	183,741	229,461	351,722	414,967
June.....	21	38	15,289	14,154	243,270	297,799	420,452	483,916
July.....	30	25	18,034	15,131	304,727	388,110	489,599	569,469
August.....	30	33	18,401	15,042	387,796	449,341	568,914	628,965
September.....	22	29	16,384	13,961	444,460	511,562	623,703	689,021
October.....	23	30	15,134	14,014	484,050	543,204	664,298	716,158
November.....	29	29	13,845	12,977	206,153	249,046	377,117	422,888
December.....	24	22	13,181	12,843	150,203	178,226	324,297	368,943

National Agricultural Statistics Service.

Table 516.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1972-85

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors ¹		States reporting	Turkeys in tested flocks (first test)	Reactors	
	Number	Thousands	Number	Percent	Number	Number	Number	Percent
1972.....	47	28,925	57	0.0009	47	3,191,301	0	0.0000
1973.....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974.....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975.....	47	26,699	38	.0008	47	2,891,148	0	.0000
1976.....	47	28,846	90	.0019	47	2,693,782	0	.0000
1977.....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978.....	47	33,506	1	.0000	47	2,984,142	0	.0000
1979.....	47	36,112	41	.0011	47	3,256,844	0	.0000
1980.....	47	35,767	97	.0032	47	3,172,056	0	.0000
1981.....	47	36,024	14	.0004	47	3,135,338	0	.0000
1982.....	47	36,565	344	.0127	47	2,846,709	0	.0000
1983.....	47	38,128	0	.0000	47	2,592,421	0	.0000
1984.....	47	33,811	1	.0000	47	2,974,904	0	.0000
1985.....	47	36,484	9	.0000	47	2,972,518	0	.0000

¹ Number of reacting birds and percent of birds tested.

Animal and Plant Health Inspection Service.

Table 517.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1972-86 ¹

Year	Num- ber	Value per head	Total value	Year	Num- ber	Value per head	Total value	Year	Num- ber	Value per head	Total value
	1,000 head	Dollars	1,000 dollars		1,000 head	Dollars	1,000 dollars		1,000 head	Dollars	1,000 dollars
1972.....	3,135	6.46	20,242	1977.....	3,038	11.39	34,617	1982.....	3,429	14.60	50,053
1973.....	3,148	9.47	32,378	1978.....	3,370	12.53	42,222	1983.....	3,155	17.59	55,500
1974.....	2,970	9.81	29,126	1979.....	3,705	13.57	50,288	1984 ²	3,159	16.54	52,244
1975.....	3,014	10.81	32,580	1980.....	3,749	14.11	52,887	1985.....	(²)	(²)	(²)
1976.....	3,069	11.13	34,168	1981.....	3,514	15.35	53,962	1986.....	(²)	(²)	(²)

¹ Major producing States. ² Estimates of Turkey Breeder Hens are terminated with 1984 data.
National Agricultural Statistics Service.

Table 518.—Turkey: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1972-86

Year	Production	Commercial storage at beginning of year	Exports and shipments to territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total ¹	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1972.....	1,909	223	42	208	42	1,840	8.9
1973.....	1,933	208	54	281	31	1,775	8.5
1974.....	1,921	281	43	275	14	1,870	8.8
1975.....	1,893	275	53	195	19	1,811	8.5
1976.....	2,059	195	71	203	18	1,961	9.1
1977.....	2,023	203	56	168	11	1,992	9.1
1978.....	2,098	168	57	175	15	2,019	9.1
1979.....	2,344	175	57	240	19	2,204	9.9
1980.....	2,432	240	81	198	16	2,376	10.5
1981.....	2,577	198	68	238	15	2,453	10.7
1982.....	2,522	238	56	204	12	2,489	10.8
1983.....	2,549	204	54	162	13	2,624	11.3
1984.....	2,685	162	33	125	13	2,676	11.4
1985.....	2,942	125	34	150	13	2,870	12.1
1986 ²	3,271	150	31	178	10	3,202	13.4

¹ Totals may not add due to rounding.² Preliminary.

Economic Research Service.

Table 519.—Turkey: Production, and value, United States, 1972-86

Year	Number raised ¹	Pounds (live weight) produced	Price per pound live weight	Value of production
	Thousands	1,000 pounds	Cents	1,000 dollars
1972	128,664	2,423,618	22.2	536,945
1973	132,231	2,451,948	38.2	935,882
1974	131,909	2,437,121	28.0	683,164
1975	124,165	2,276,504	34.8	793,271
1976	140,021	2,606,265	31.7	825,095
1977	136,390	2,562,825	35.5	910,396
1978	138,939	2,654,798	43.6	1,157,290
1979	156,457	2,957,612	41.1	1,214,357
1980	165,243	3,076,858	41.3	1,271,637
1981	170,875	3,354,463	38.2	1,247,803
1982	165,464	3,175,060	39.5	1,254,700
1983	170,723	3,335,519	38.0	1,289,051
1984	171,296	3,385,245	48.9	1,655,256
1985	185,352	3,702,894	49.1	1,818,626
1986 ²	207,216	4,141,727	47.1	1,951,570

See footnotes on page 362.

Table 520.—Turkeys: Production and value, by States, 1986

State	Number raised ¹	Pounds produced ²	Price per pound ³	Value of production
	1,000 head	1,000 pounds	Cents	1,000 dollars
AR.....	16,500	311,850	47.0	146,570
CA.....	21,900	464,280	45.0	208,926
CT.....	40	836	84.0	702
GA.....	2,426	67,928	47.0	31,926
IL.....	347	7,009	45.0	3,154
IN.....	9,370	183,652	48.0	88,153
LA.....	7,000	161,000	45.0	72,450
KS.....	164	2,600	46.0	1,196
MD and DE ⁴	125	2,625	64.0	1,680
MA.....	145	3,103	91.0	2,824
MI.....	2,700	70,200	51.0	35,802
MN.....	34,200	598,500	45.0	269,325
MO.....	13,500	260,550	45.0	117,243
NE.....	1,437	27,159	50.0	13,580
NH.....	26	520	100.0	520
NJ.....	100	2,130	100.0	2,130
NY.....	343	6,174	45.0	2,778
NC.....	29,100	727,260	47.0	341,812
ND.....	1,030	20,497	48.0	9,839
OH.....	3,100	78,120	47.0	36,716
OR.....	1,510	28,639	41.0	11,701
PA.....	7,800	156,000	51.0	79,560
SC.....	3,900	110,760	46.0	50,950
SD.....	1,968	51,955	43.0	22,341
UT.....	3,390	76,363	68.0	52,228
VA.....	14,307	250,373	49.0	122,683
WV.....	2,220	38,850	49.0	19,037
WI.....	6,128	164,843	41.0	67,586
Other States ⁵	12,500	267,460	51.6	138,056
US ⁶	207,216	4,141,727	47.1	1,961,570

¹ Based on turkeys hatched from Sept. 1, 1984 through Aug. 31, 1985. Excludes young turkeys lost.² Includes home consumption.³ Live-weight equivalent price.⁴ MD and DE combined.⁵ Colorado, Oklahoma, and Texas combined to avoid disclosing individual operations.⁶ Sum of States may not add to U.S. total due to rounding.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 519.

¹ Total poult hatched less death loss of poult and young turkeys during the year.² Preliminary.

National Agricultural Statistics Service.

Table 521.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1972-86

Year	Total all heavy breeds ¹	Light breeds ²	Total all breeds
	Thousands	Thousands	Thousands
1972.....	125,512	16,067	141,579
1973.....	128,906	16,679	145,585
1974.....	125,559	14,420	140,019
1975.....	121,158	15,918	137,076
1976.....	130,980	18,494	149,474
1977.....	136,029	12,354	148,383
1978.....	148,836	8,689	157,527
1979.....	166,014	12,955	179,969
1980.....	171,842	16,824	188,666
1981.....	176,939	10,395	187,334
1982.....	176,760	7,472	184,241
1983 ³	176,253	5,869	182,122
1984 ⁴	(*)	(*)	184,238
1985 ⁴	(*)	(*)	198,683
1986 ⁴	(*)	(*)	225,380

¹ Birds for which the normal mature marketing live weight is 12 pounds or over.² Birds for which the normal mature marketing live weight is less than 12 pounds.³ Poults placed and excludes exported poults.⁴ Heavy breeds and light breeds not published.

National Agricultural Statistics Service.

Table 522.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, 1985 and 1986

Month	United States			1986					
	1985	1986	1986 as percent of 1985	North Atlantic	East North Central	West North Central	South Atlantic	South Central	West
	Thous.	Thous.	Percent	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.
All Breeds:									
Jan.....	15,500	17,204	111	289	2,050	4,741	5,391	2,252	2,481
Feb.....	16,184	18,608	115	287	1,998	6,187	4,998	2,973	2,765
Mar.....	18,494	20,761	112	392	2,185	7,308	5,241	2,483	3,057
Apr.....	20,923	23,065	110	624	2,218	8,221	5,506	2,542	3,654
May.....	21,926	24,337	111	666	2,435	8,547	5,975	2,772	3,942
June.....	20,249	23,294	116	616	2,333	7,968	5,535	2,533	4,109
July.....	19,736	22,210	113	456	2,311	7,457	5,911	2,382	3,793
Aug.....	15,463	16,405	106	276	1,695	4,978	5,300	1,395	2,761
Sept.....	10,661	13,620	128	166	1,705	3,904	4,714	886	2,345
Oct.....	12,451	14,135	114	176	1,850	4,491	4,547	1,112	1,959
Nov.....	12,648	13,836	109	208	1,075	4,097	4,723	1,496	2,237
Dec.....	14,446	17,705	123	295	1,386	5,857	5,693	2,017	2,457
Total.....	198,683	225,380	113	4,451	23,241	73,651	64,234	24,243	35,560

National Agricultural Statistics Service.

Table 523.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1985 and 1986¹

State	1985			1986		
	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced
	Thousands	Number	Millions	Thousands	Number	Millions
AL.....	11,378	246	2,794	11,048	246	2,723
AK.....	52	225	11.7	51	251	12.8
AZ.....	430	230	99	468	259	121
AR.....	15,204	240	3,655	15,518	240	3,731
CA.....	32,961	244	8,052	32,250	243	7,850
CO.....	2,385	238	568	2,434	236	575
CT.....	4,711	249	1,173	5,232	245	1,281
DE.....	594	212	126	622	217	135
FL.....	10,515	256	2,692	10,442	257	2,683
GA.....	17,626	243	4,282	17,745	243	4,318
HI.....	983	224	220.5	987	230	227.0
ID.....	969	247	239	922	249	230
IL.....	3,012	243	732	2,633	252	663
IN.....	21,304	280	5,538	21,747	256	5,561
IA.....	6,546	244	1,600	5,846	247	1,441
KS.....	1,903	248	472	1,834	252	463
KY.....	1,797	240	431	1,808	232	420
LA.....	1,573	221	348	1,506	223	336
ME.....	4,888	253	1,237	4,893	253	1,239
MD.....	3,275	248	813	3,591	248	890
MA.....	1,026	250	257	1,196	264	315
MI.....	6,907	249	1,693	6,513	252	1,644
MN.....	9,254	245	2,287	9,386	246	2,312
MS.....	5,151	243	1,251	5,322	239	1,274
MO.....	5,679	238	1,351	5,892	237	1,397
MT.....	807	250	202	790	254	201
NE.....	3,567	237	844	3,469	239	829
NV.....	12	183	2.2	12	183	2.2
NH.....	464	261	121	351	271	95
NJ.....	1,814	261	474	1,865	269	501
NY.....	1,144	239	273	1,146	244	280
NC.....	6,712	255	1,710	6,125	249	1,523
ND.....	13,848	238	3,294	14,394	236	3,400
OH.....	479	246	118	256	238	61
OK.....	14,214	253	3,592	15,114	256	3,888
OR.....	3,675	236	868	3,551	228	809
PA.....	2,695	241	649	2,644	249	659
RI.....	18,187	262	4,774	17,927	262	4,692
SC.....	322	248	60	231	251	58
SD.....	6,058	260	1,573	6,308	256	1,615
TX.....	1,589	246	391	1,519	244	395
TN.....	2,948	256	754	2,637	251	663
UT.....	13,250	236	3,131	13,803	243	3,355
VT.....	1,827	229	418	1,781	257	457
WA.....	247	271	67	213	268	57
WI.....	3,453	246	850	3,790	241	914
WV.....	5,329	254	1,355	5,059	256	1,296
WY.....	536	226	121	483	226	109
WY.....	3,388	247	836	3,393	245	830
WY.....	33	206	4.8	25	180	4.5
US ³	276,680	247	58,407	276,870	247	68,514

¹ Annual estimates cover the period Dec. 1, previous year through Nov. 30.² Total egg production divided by average number of layers on hand.³ Sum of States may not add to U.S. total due to rounding.

National Agricultural Statistics Service.

Table 524.—Eggs: Production in specified countries, 1984-86

Continent and country	1984	1985	1986 ¹	Continent and country	1984	1985	1986 ¹
	Mil- lions	Mil- lions	Mil- lions		Mil- lions	Mil- lions	Mil- lions
North America:				East Europe:			
Canada.....	5,875	5,855	5,880	Bulgaria.....	2,680	2,798	2,900
Mexico.....	16,796	18,092	18,562	Czechoslovakia.....	5,504	5,495	5,500
United States.....	68,497	68,250	68,867	Germany, Dem. Rep.....	5,779	5,596	5,500
Total.....	91,168	92,197	93,309	Hungary.....	4,229	4,153	4,910
South America:				Poland.....	8,302	8,631	8,300
Argentina.....	3,150	3,150	3,150	Romania.....	8,013	7,500	7,000
Brazil.....	8,500	9,000	10,000	Yugoslavia.....	4,640	4,692	4,780
Venezuela.....	2,841	2,736	2,734	Total.....	39,057	38,569	37,590
Total.....	14,491	14,886	15,884	Middle East:			
Europe:				Iraq.....	830	1,350	1,900
Belgium and Luxembourg.....	3,079	3,005	2,940	Israel.....	2,069	2,103	1,468
Denmark.....	1,377	1,370	1,350	Saudi Arabia.....	1,761	2,000	2,200
France.....	14,920	14,910	14,810	Turkey.....	5,200	5,700	6,000
Germany, Fed. Rep. of.....	13,080	13,150	13,000	Total.....	9,860	11,153	11,568
Greece.....	2,459	2,512	2,496	Africa:			
Ireland.....	650	650	640	Algeria.....	980	1,675	2,200
Italy.....	10,753	10,900	10,900	Egypt.....	2,400	2,400	2,300
Netherlands.....	11,079	10,051	10,950	South Africa.....	3,231	3,231	3,250
Portugal.....	1,236	1,440	1,490	Total.....	6,644	7,306	7,650
Spain.....	10,092	10,164	10,200	Asia:			
United Kingdom.....	13,000	13,117	13,120	Hong Kong.....	65	63	64
Total.....	81,715	82,269	81,896	Japan.....	35,521	35,700	36,300
Other West Europe:				Total.....	35,586	35,763	36,364
Austria.....	1,792	1,798	1,835	Soviet Union.....	76,482	77,000	77,500
Finland.....	1,518	1,495	1,420	Oceania:			
Switzerland.....	726	760	755	Australia ²	3,471	3,285	3,222
Total.....	4,036	4,053	4,010	Total selected countries.....	366,510	366,781	369,293

¹ Preliminary.² Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 525.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1972-86

Year	Hens and pullets, average number during year	Rate of lay per layer during year ¹	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Value of production ²
			Total produced	Consumed on production units	Sold				
	Thousands	Number	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
1972 ²	304,564	227	69,219	692	68,527	30.9	1,763,899	16,962	1,780,881
1973.....	290,588	227	66,039	627	65,412	32.5	2,859,253	36,517	2,885,770
1974.....	284,732	230	65,620	580	65,040	53.2	2,884,478	35,044	2,909,522
1975.....	275,191	232	64,626	536	64,090	52.4	2,796,795	22,490	2,819,275
1976.....	274,135	235	64,511	514	63,997	58.3	3,109,304	24,060	3,133,364
1977.....	274,875	235	64,602	495	64,117	55.6	2,973,176	21,781	2,994,957
1978.....	281,544	239	67,157	468	66,689	52.2	2,901,020	19,768	2,920,788
1979 ⁴	288,623	240	59,209	454	68,755	58.3	3,338,438	21,434	3,359,872
1980.....	287,705	242	69,686	451	69,235	56.3	3,247,120	30,443	3,267,563
1981.....	287,774	243	69,825	441	69,384	63.1	3,648,406	22,737	3,671,143
1982.....	286,369	243	69,718	427	69,291	59.5	3,437,901	20,972	3,458,873
1983.....	276,263	247	68,160	415	67,754	61.1	3,448,613	20,755	3,469,368
1984.....	278,022	245	68,230	390	67,840	72.3	4,087,773	23,147	4,110,920
1985.....	276,680	247	68,407			57.1			3,252,519
1986 ⁵	276,870	247	68,514			61.6			3,515,228

See footnotes on page 366.

Table 526.—Eggs: Production and value, by States, 1986 (preliminary) ¹

State	Eggs produced	Price per dozen	Value of production	State	Eggs produced	Price per dozen	Value of production
	Mil-lions	Cents	1,000 dollars		Mil-lions	Cents	1,000 dollars
AL.....	2,723	71.2	161,565	NV.....	2.2	49.1	90
AK.....	12.8	123.0	1,312	NH.....	95	88.0	6,967
AZ.....	121	53.0	5,344	NJ.....	501	73.0	30,478
AR.....	3,731	73.4	228,213	NM.....	280	62.0	14,467
CA.....	7,850	53.1	347,362	NY.....	1,523	59.0	74,881
CO.....	575	66.0	31,625	NC.....	3,400	77.6	219,867
CT.....	1,281	88.3	94,260	ND.....	61	46.0	2,338
DE.....	135	98.0	11,025	OH.....	3,868	49.0	157,943
FL.....	2,683	51.3	114,698	OK.....	809	84.4	56,900
GA.....	4,318	73.2	263,398	OR.....	659	54.1	29,710
HI.....	227.0	71.1	13,450	PA.....	4,692	59.0	230,690
ID.....	230	51.0	9,775	RI.....	58	83.0	4,012
IL.....	863	59.3	32,763	SC.....	1,615	55.1	74,155
IN.....	5,561	60.4	279,904	SD.....	395	39.0	12,837
IA.....	1,441	48.3	58,601	TN.....	663	61.1	33,758
KZ.....	463	51.0	19,677	TX.....	3,355	70.2	196,267
KY.....	420	55.4	19,390	UT.....	457	42.0	15,995
LA.....	336	92.4	25,872	VT.....	57	93.0	4,418
ME.....	1,239	78.6	81,154	VA.....	914	67.9	51,717
MD.....	890	65.0	48,208	WA.....	1,295	51.5	55,577
MA.....	315	94.0	24,675	WV.....	109	82.2	7,466
MI.....	1,644	46.8	64,116	WI.....	830	50.0	34,583
MN.....	2,312	47.6	91,709	WY.....	4.5	75.0	281
MS.....	1,274	73.2	77,714				
MO.....	1,897	46.0	53,552	US ²	68,514	61.6	3,515,228
MT.....	201	56.0	9,380				
NE.....	829	45.0	31,087				

¹ Estimates cover the 12-month period Dec. 1, previous year through Nov. 30.² Sum of States may not add to U.S. total due to rounding.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 525

¹ Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.² Value of sales plus value of eggs consumed in households of producers.³ Annual production, disposition, cash receipts, and gross income estimates for eggs reported on Dec. 1 through Nov. 30 marketing year.⁴ Included are layers and eggs destroyed because of possible PCB contamination.⁵ Preliminary.

National Agricultural Statistics Service.

Table 527.—Eggs: Supply, distribution, and per capita consumption, United States, 1972-86¹

Year	Total egg production	Storage at beginning of the year ¹	Imports ²	Exports and shipments to territories ²	Eggs used for hatching	Consumption			
						Storage at end of the year ²	Military ²	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1972.....	5,742	58	1	56	391	53	64	5,236	303
1973.....	5,502	53	13	49	392	34	42	5,052	289
1974.....	5,461	34	13	57	366	42	28	5,004	284
1975.....	5,382	42	5	62	372	28	43	4,924	276
1976.....	5,377	28	3	65	419	21	45	4,857	270
1977.....	5,408	21	14	91	427	24	36	4,865	268
1978.....	5,608	24	11	120	466	20	28	5,009	273
1979.....	5,777	20	9	104	498	19	25	5,162	278
1980.....	5,806	19	5	167	499	19	24	5,122	272
1981.....	5,825	19	5	257	507	17	25	5,043	265
1982.....	5,802	17	2	185	506	20	22	5,089	265
1983.....	5,659	20	23	112	500	9	25	5,056	261
1984.....	5,708	9	32	86	530	11	18	5,105	261
1985.....	5,888	11	13	101	548	11	20	5,031	255
1986 ³	5,715	11	14	130	566	10	18	5,018	251

¹ Calendar years.² Shell eggs and the approximate shell-egg equivalent of egg product.³ Preliminary.

Economic Research Service.

Table 528.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1972-86

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1972.....	41.61	1977.....	63.27	1982.....	70.10
1973.....	65.63	1978.....	61.68	1983.....	75.16
1974.....	64.49	1979.....	68.15	1984.....	80.87
1975.....	63.33	1980.....	66.26	1985.....	84.97
1976.....	70.33	1981.....	73.21	1986.....	71.38

Agricultural Marketing Service.

Table 529.—Eggs: Products under Federal inspection, United States, fiscal years 1985 and 1986

Item	Quantity		Item	Quantity	
	1985	1986		1985	1986
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shell eggs broken.....	805,640	838,909	Liquid product produced for immediate consumption and processing: ^a		
Edible liquid from shell eggs broken:			Whole plain.....	221,080	236,108
Whole.....	532,100	528,306	Whole blends.....	94,355	100,063
White.....	294,829	327,091	White.....	176,465	198,785
Yolk.....	172,770	182,696	Yolk plain.....	25,342	29,219
Total.....	999,099	1,038,695	Yolk blends.....	61,725	68,710
Inedible liquid from shell eggs broken.....	67,687	75,954	Total.....	578,967	632,885
Liquid egg used in processing: ¹			Frozen product produced: ^a		
Whole.....	643,945	641,507	Whole plain.....	181,847	135,742
White.....	418,113	465,603	Whole blends.....	82,541	79,805
Yolk.....	195,517	209,658	White.....	45,680	53,083
Total.....	1,257,575	1,316,768	Yolk plain.....	7,211	5,231
Ingredients added in processing: ²	44,443	41,308	Yolk blends.....	57,079	62,929
			Total.....	324,358	336,790
			Dried product produced: ^a		
			Whole plain.....	14,759	16,071
			Whole blends.....	35,460	21,993
			White.....	25,068	29,586
			Yolk plain.....	19,851	14,284
			Yolk blends.....	7,726	7,152
			Total.....	96,864	89,086

¹ Includes all frozen eggs used for processing, excludes ingredients added.² Includes all non-egg ingredients added.³ Includes ingredients added.

National Agricultural Statistics Service.

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends, table 530.

Farm property, table 531.

Population and employment, table 549.

Farm production and distribution, table 556.

Price and income, table 572.

Costs and expenses, table 585.

Table 530.—Economic trends: Data relating to agriculture, United States, 1972-86

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income ¹	Production expenses	Net income	
	Index numbers 1977=100	Index numbers 1977=100	Index numbers 1977=100	Billion dollars	Billion dollars	Billion dollars	Billion dollars
1972.....	62	61	69	71.1	51.7	19.5	41.8
1973.....	71	73	96	98.9	64.6	34.4	69.4
1974.....	81	83	105	98.2	71.9	27.3	50.5
1975.....	89	91	101	100.6	75.0	25.5	43.1
1976.....	95	97	102	102.9	82.7	20.2	32.0
1977.....	100	100	100	108.8	88.9	19.9	29.5
1978.....	108	108	115	128.4	103.2	25.2	34.9
1979.....	123	125	132	150.7	123.3	27.4	34.9
1980.....	138	138	134	149.3	133.1	16.1	18.8
1981.....	150	148	139	166.3	139.4	26.9	28.6
1982.....	159	153	133	163.5	140.0	23.5	23.5
1983.....	161	152	135	158.1	140.4	12.7	12.2
1984.....	165	155	143	174.7	142.7	32.0	29.6
1985.....	163	151	128	166.0	133.7	32.3	29.0
1986 ^a	159	145	123	150.5	122.1	27.5	22.8

See footnotes at end of table.

Table 530.—Economic trends: Data relating to agriculture, United States 1972-86—Continued

Year	Farm real estate value ¹	National income ²	Disposable personal income ³	Industrial production ⁴	Consumer prices all items ⁵	Producer prices consumer foods ⁶
	Index numbers 1977=100	Billion dollars	Billion dollars	Index numbers 1977=100	Index numbers 1987=100	Index numbers 1987=100
1972	47	994.1	839.6	87.3	125.3	121.7
1973	58	1,122.7	949.8	94.4	133.1	146.4
1974	66	1,203.5	1,038.4	98.0	147.7	166.9
1975	75	1,289.1	1,142.8	94.8	161.2	181.0
1976	86	1,441.4	1,252.6	92.6	170.5	180.4
1977	100	1,617.8	1,329.3	100.0	181.5	189.9
1978	109	1,838.2	1,551.2	106.5	195.4	207.2
1979	125	2,047.3	1,729.3	110.7	217.4	226.2
1980	145	2,203.5	1,917.9	108.6	246.8	239.5
1981	159	2,448.5	2,127.6	111.0	272.4	253.6
1982	157	2,518.4	2,261.4	103.1	299.1	259.3
1983	148	2,719.5	2,428.1	100.2	298.4	261.8
1984	146	3,028.6	2,668.6	121.4	311.1	273.3
1985	128	3,229.9	2,841.1	123.7	322.2	271.2
1986 ^a	112	3,422.0	3,022.1	125.1	328.4	278.1

¹ Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories. ² Farmland and buildings per acre as of Mar. 1 through 1975; Feb. 1, 1976-81; and Apr. 1, 1982-86.

³ U.S. Department of Commerce. ⁴ Federal Reserve Board. ⁵ U.S. Department of Labor. ⁶ Preliminary.

Economic Research and National Agricultural Statistics Service.

Table 531.—Farms: Number, land in farms, and average size of farm, U.S., 1975-87

Year	Farms ¹	Land in farms	Average size of farm
	Number	1,000 acres	Acres
1975	2,521,430	1,059,420	420
1976	2,497,270	1,054,075	422
1977	2,455,890	1,047,785	427
1978	2,436,250	1,044,790	429
1979	2,432,300	1,042,015	438
1980	2,432,510	1,038,885	427
1981	2,433,920	1,034,190	425
1982	2,400,550	1,027,795	428
1983	2,370,200	1,024,195	432
1984	2,328,400	1,019,378	438
1985	2,274,730	1,014,383	446
1986	2,211,920	1,007,643	456
1987 ^a	2,173,410	1,002,463	461

¹ A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products during the year.

^a Preliminary.

National Agricultural Statistics Service.

Table 532.—Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1986-87

Economic class gross value of sales	Percent of total				Average size of farms	
	Farms		Land		1986	1987
	1986	1987	1986	1987		
	Percent	Percent	Percent	Percent	Acres	Acres
\$1,000-\$2,499	26.2	26.4	4.0	4.4	70	77
\$2,500-\$4,999	13.9	14.4	3.3	3.8	108	122
\$5,000-\$9,999	12.0	12.6	4.7	5.2	178	190
\$10,000-\$19,999	10.7	10.0	7.2	6.7	307	309
\$20,000-\$39,999	10.1	9.7	10.9	10.9	492	518
\$40,000-\$99,999	13.3	13.3	20.4	23.3	699	806
\$100,000-\$249,999	9.5	9.4	25.8	25.5	1,237	1,251
\$250,000	4.3	4.2	23.7	20.2	2,511	2,218
Total	100.0	100.0	100.0	100.0	456	461

¹ Preliminary.

National Agricultural Statistics Service.

Table 533.—Farms: Number and land in farms, by States, 1986 and 1987

State	Farms ¹		Land in farms	
	1986	1987 ²	1986	1987 ²
	Number	Number	1,000 acres	1,000 acres
AL.....	51,000	49,000	11,000	11,000
AK.....	670	660	1,410	1,400
AZ.....	8,600	8,400	37,300	37,000
AR.....	50,000	49,000	15,700	15,400
CA.....	79,000	77,000	32,900	32,600
CO.....	35,600	35,800	34,200	34,000
CT.....	3,800	3,700	450	440
DE.....	3,200	3,100	640	630
FL.....	39,000	39,000	13,000	13,000
GA.....	49,000	48,000	13,900	13,800
HI.....	4,400	4,200	1,950	1,950
ID.....	24,000	23,000	14,200	13,800
IL.....	96,000	94,000	38,700	38,000
IN.....	77,000	72,000	16,400	16,200
IA.....	109,000	107,000	33,600	33,500
KS.....	70,000	70,000	47,900	47,900
KY.....	99,000	99,000	14,500	14,500
LA.....	36,000	36,000	10,000	9,700
ME.....	7,800	7,800	1,520	1,520
MD.....	17,000	17,000	2,500	2,400
MA.....	6,000	6,000	680	680
MI.....	60,000	58,000	11,300	11,300
MN.....	93,000	92,000	30,000	29,000
MS.....	46,000	45,000	14,000	13,800
MO.....	115,000	114,000	30,700	30,600
MT.....	23,600	23,300	60,900	60,900
NE.....	57,000	56,000	47,200	47,200
NV.....	2,400	2,400	8,800	8,800
NH.....	3,200	3,200	520	520
NJ.....	8,200	7,600	900	850
NM.....	13,600	13,500	44,600	44,600
NY.....	42,000	40,500	8,700	8,600
NC.....	73,000	72,000	10,800	10,800
ND.....	33,000	32,500	40,700	40,500
OH.....	38,000	34,000	15,800	15,600
OK.....	71,000	70,000	33,000	33,000
OR.....	37,000	37,000	17,900	17,900
PA.....	56,500	56,500	8,500	8,500
RI.....	750	750	73	73
SC.....	27,000	26,000	5,400	5,200
SD.....	36,000	35,000	44,500	44,500
TN.....	96,000	96,000	13,000	12,000
TX.....	162,000	160,000	134,000	133,200
UT.....	13,700	13,600	11,400	11,300
VT.....	7,100	7,200	1,600	1,600
VA.....	50,000	50,000	9,600	9,600
WA.....	38,000	37,000	16,000	15,800
WV.....	21,000	21,000	3,700	3,700
WI.....	82,000	80,000	17,600	17,500
WY.....	8,800	8,700	34,800	34,800
US.....	2,211,920	2,173,410	1,007,648	1,002,463

¹ A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products, during the year.² Preliminary.

National Agricultural Statistics Service.

FOOTNOTES FOR TABLE 536

¹ Cropland harvested, crop failure, and cultivated summer fallow.² Grassland and other nonforest pasture and range.³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes.⁵ Re measurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.⁶ Estimated only for years coinciding with a Census of Agriculture.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 534.—Farms: Classification by tenure of operator, United States, 1880-1982

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	Number	Percent	Percent	Percent	Percent
1880	4,006,907				25.6
1890	5,564,641				28.4
1900	5,789,657	55.8	7.9	1.0	35.3
1910	6,361,502	52.7	9.3	.9	37.0
1920	6,453,991	52.2	8.7	1.1	38.1
1925	6,371,640	52.0	8.7	.6	38.6
1930 ¹	6,295,103	46.3	10.4	.9	42.4
1935	6,812,350	47.1	10.1	.7	42.1
1940 ¹	6,102,417	50.6	10.1	.6	38.5
1945	5,559,189	56.4	11.3	.7	31.7
1950 ¹	5,388,437	57.4	15.3	.4	26.9
1954	4,782,416	57.2	17.9	.4	24.4
1959 ¹	3,710,503	57.1	21.9	.5	20.5
1964 ¹	3,157,857	57.6	24.8	.6	17.1
1969 ¹	2,780,250	62.5	24.6		12.9
1974 ¹	2,314,013	61.5	27.2		11.3
1978 ¹	2,267,775	57.5	30.2		12.3
1982 ¹	2,239,300	59.2	29.3		11.6

¹ Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 535.—Land in farms: Classification by tenure of operator, United States, 1880-1982

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	Acres	Percent	Percent	Percent	Percent
1880	536,081,835				
1890	623,218,619				
1900	841,201,546	51.3	14.9	10.7	23.2
1910	878,798,325	52.9	15.2	6.1	25.8
1920	955,676,612	48.3	18.4	5.7	27.7
1925	924,319,352	45.4	21.3	4.7	28.7
1930 ¹	990,111,984	37.6	24.9	6.4	31.9
1935	1,054,515,111	37.1	25.2	5.8	31.9
1940 ¹	1,065,113,774	35.9	28.2	6.5	29.4
1945	1,141,615,364	36.1	32.5	9.3	22.0
1950 ¹	1,161,419,720	36.1	36.4	9.2	18.3
1954	1,158,191,511	34.2	40.6	8.6	16.6
1959 ¹	1,123,507,574	31.0	44.0	9.3	14.8
1964 ¹	1,110,187,000	28.7	48.0	10.2	13.1
1969 ¹	1,052,892,501	35.3	51.8		13.0
1974 ¹	1,017,030,357	35.3	52.6		12.0
1978 ¹	1,014,777,234	32.7	55.3		12.0
1982 ¹	986,796,579	34.7	53.8		11.5

¹ Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 536.—Land utilization, United States, selected years, 1930-86

Major land uses	1930	1940	1950	1959	1969	1978	1982	1986
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops ¹	382	368	377	359	333	369	363	358
Idle cropland	31	31	32	33	51	26	21	(*)
Cropland used only for pasture	67	68	69	66	88	76	65	(*)
Grassland pasture ²	652	650	631	633	604	587	597	(*)
Forest land ³	601	606	601	728	723	703	655	(*)
Special uses ⁴				147				(*)
Other land	171	179	194	305	291	503	544	
Total land area ⁵	1,904	1,904	1,904	2,271	2,264	2,264	2,265	2,265

See footnotes on page 371.

Table 537.—Land utilization, by States, 1982

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land	Total land area
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	3,806	362	1,474	1,865	21,179	1,449	2,356	32,491
AK	26	21	6	1,281	87,045	141,534	135,430	365,338
AZ	1,174	230	129	41,566	17,846	9,063	2,638	72,645
AR	7,975	476	2,055	2,948	17,324	1,298	1,254	33,330
CA	9,579	642	1,345	22,590	37,043	13,827	15,015	100,081
CO	9,377	493	1,000	28,198	19,809	4,643	2,781	66,301
CT	181	11	43	48	1,745	157	933	3,118
DE	538	9	12	12	394	92	189	1,237
DC							40	
FL	2,752	345	1,072	6,229	16,325	4,021	3,914	34,658
GA	5,372	462	1,290	1,850	23,768	1,969	2,545	37,156
HI	156	165	34	1,131	1,097	926	643	4,112
ID	5,624	216	763	20,408	17,880	5,167	2,687	52,744
IL	23,615	560	1,070	1,773	3,551	1,947	3,097	35,613
IN	12,779	381	798	1,352	3,978	1,062	2,726	22,996
IA	25,208	826	2,550	2,065	1,227	1,090	2,293	35,816
KS	28,352	1,318	3,232	13,967	1,359	1,745	2,425	62,338
KY	5,354	711	3,453	1,669	11,948	970	1,283	25,388
LA	5,115	430	916	2,073	13,998	1,322	4,650	28,494
ME	475	67	87	94	17,565	408	1,141	19,837
MD	1,579	71	197	222	2,420	520	1,387	6,296
MA	214	16	52	48	2,811	525	1,342	5,008
MI	7,642	606	566	1,881	15,078	1,989	5,689	36,451
MN	21,772	1,305	1,304	1,689	15,643	4,253	5,143	50,911
MS	6,148	487	1,441	2,369	16,505	850	2,484	30,229
MO	14,024	827	5,587	6,540	12,348	1,737	3,062	44,125
MT	15,247	469	1,123	43,395	18,336	5,966	2,912	93,048
NE	30,816	906	2,397	21,232	796	1,533	1,312	49,052
NV	614	58	190	45,909	7,372	7,515	8,774	70,332
NH	127	8	31	46	4,839	226	479	5,756
NJ	628	35	64	26	1,940	578	1,510	4,779
NM	1,690	225	450	51,217	16,805	5,279	1,964	77,654
NY	4,649	360	891	904	15,939	3,827	3,751	30,321
NC	5,154	476	806	1,010	18,604	1,987	3,273	31,260
ND	26,900	1,021	1,375	11,028	515	1,817	1,496	44,352
OH	10,845	419	982	1,430	6,837	1,245	4,485	26,243
OK	10,935	650	3,860	18,396	6,810	1,410	1,878	43,939
OR	4,824	175	858	22,011	29,477	2,707	2,006	61,556
PA	4,619	309	862	949	16,294	2,469	3,225	28,726
RI	29	3	5	3	391	71	173	675
SC	2,713	201	484	443	12,084	1,164	2,341	19,230
SD	17,697	425	2,309	23,529	1,510	1,597	1,481	48,600
TN	5,052	453	2,606	1,370	12,965	2,195	1,696	26,339
TX	25,963	3,129	10,029	103,890	14,080	4,673	3,927	167,691
UT	1,409	116	479	23,228	15,443	4,901	6,950	52,527
VT	561	18	206	390	4,432	248	211	5,935
VA	2,978	232	1,523	1,717	15,872	1,327	1,741	25,410
WA	7,559	309	612	7,705	18,567	5,356	2,469	42,567
WV	786	87	676	557	11,509	665	1,156	15,436
WI	10,404	411	1,229	2,009	14,877	2,172	3,731	34,533
WY	2,264	53	461	45,594	5,640	5,768	2,293	62,073
U.S.	382,755	21,498	65,028	596,664	655,280	260,739	274,183	2,265,147

¹ Cropland harvested, crop failure, and cultivated summer fallow.² Grassland and other nonforest pasture and range.³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.⁴ Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 538.—Land in farms: ¹ Irrigated land, by States, 1954-84

State	1954	1959	1964	1969	1974	1978 *	1982	1984 *
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	17	17	12	11	14	59	66	(*)
AK			(*)	1	1	1	1	(*)
AZ	1,177	1,152	1,125	1,178	1,185	1,196	1,096	898
AR	858	712	974	1,010	949	1,683	2,022	1,872
CA	7,048	7,396	7,599	7,240	7,749	8,506	8,461	7,805
CO	2,263	2,685	2,690	2,895	2,874	3,431	3,201	3,105
CT	12	5	14	9	7	7	7	(*)
DE	6	16	18	20	20	34	44	(*)
FL	428	414	1,217	1,365	1,559	1,980	1,585	1,438
GA	24	34	64	79	112	463	575	(*)
HI	(*)	141	144	145	142	159	146	(*)
ID	2,355	2,577	2,892	2,761	2,859	3,475	3,450	3,255
IL	7	10	14	51	54	130	166	(*)
IN	12	17	17	34	38	75	132	(*)
IA	2	18	22	21	39	101	91	(*)
KS	332	762	1,004	1,522	2,010	2,686	2,675	2,315
KY	13	9	14	30	11	14	23	(*)
LA	708	485	581	702	702	681	694	579
ME	1	2	4	6	6	7	6	(*)
MD	8	11	16	22	23	38	39	(*)
MA	23	20	24	19	19	17	17	(*)
MI	23	40	49	77	97	225	226	(*)
MN	9	15	18	36	78	272	315	(*)
MS	132	100	123	150	162	309	431	(*)
MO	38	30	59	156	150	320	408	(*)
MT	1,891	1,875	1,893	1,841	1,759	2,070	2,023	1,877
NE	1,171	2,078	2,169	2,857	3,987	5,653	6,039	5,828
NV	567	545	825	753	778	881	830	699
NH	1	1	3	2	2	2	1	(*)
NJ	59	74	96	72	89	77	83	(*)
NM	650	732	813	823	867	891	807	674
NY	59	58	79	55	55	56	52	(*)
NC	25	66	97	59	51	90	81	(*)
ND	38	48	51	63	71	141	163	144
OH	15	12	17	22	22	25	28	(*)
OK	106	196	302	524	515	602	492	440
OR	1,490	1,384	1,608	1,519	1,551	1,881	1,808	1,776
PA	13	17	23	19	18	15	18	(*)
RI	1	(*)	1	2	2	2	2	(*)
SC	22	25	19	15	10	32	81	(*)
SD	90	116	130	148	152	335	376	339
TN	23	11	11	12	10	13	18	(*)
TX	4,707	5,656	6,385	6,888	6,594	6,947	5,576	4,921
UT	1,073	1,062	1,092	1,025	970	1,169	1,062	1,054
VT	1	2	2	(*)	1	1	1	(*)
WA	22	31	51	37	28	42	43	(*)
WV	778	1,097	1,150	1,244	1,309	1,639	1,638	1,482
WI	1	1	2	3	2	1	1	(*)
WY	18	32	62	106	128	235	259	(*)
WY	1,263	1,470	1,571	1,523	1,490	1,662	1,565	1,550
US	29,552	33,164	37,067	39,122	41,243	50,350	49,002	44,731
PR	(*)	76	89	91	70	(*)	(*)	(*)
VI	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Total	29,552	33,240	37,145	39,213	41,313	50,350	49,002	44,731

¹ Data may not add because of rounding.² Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. Data for 1984 taken from the 1984 Farm and Ranch Irrigation Survey. For 1984 the total for 28 Eastern States is 2,684,738 total irrigated acres.³ Less than 500 acres.⁴ Not available.

Economic Research Service. Data from the Census of Agriculture; U.S. Department of Commerce.

FOOTNOTES FOR TABLE 540

¹ Land and buildings. Excludes Alaska and Hawaii. Data as of March 1, 1950-75, Feb. 1, 1976-81, and Apr. 1, 1982-85, Feb. 1, 1986-87.

Economic Research Service.

Table 539.—Farm real estate: Value of farmland and buildings, and value of farm buildings, by States, 1983-87 ¹

State	Total value of land and buildings					Total value of farm buildings				
	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985	Feb. 1, 1986	Feb. 1, 1987	Apr. 1, 1983	Apr. 1, 1984	Apr. 1, 1985	Feb. 1, 1986	Feb. 1, 1987
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
AL.....	9,582	9,909	8,844	8,374	8,039	1,859	1,798	1,682	1,577	1,499
AZ.....	10,838	11,054	9,588	8,646	9,078	852	860	765	659	665
AR.....	15,746	15,023	13,584	11,063	9,957	2,154	2,035	1,821	1,469	1,309
CA.....	63,678	63,294	56,785	51,518	44,820	6,796	6,688	5,940	5,335	4,595
CO.....	15,790	16,180	14,964	12,199	12,443	1,748	1,772	1,622	1,309	1,322
CT.....	1,828	1,407	1,540	1,675	1,825	407	427	463	498	538
DE.....	1,189	1,231	1,067	1,124	1,136	213	219	188	196	196
FL.....	20,488	20,896	19,851	18,660	19,033	1,849	1,967	1,756	1,634	1,650
GA.....	12,727	12,251	11,678	10,653	11,003	1,968	1,901	1,798	1,619	1,651
ID.....	12,129	11,966	10,861	9,018	7,996	1,558	1,552	1,394	1,145	999
IL.....	52,722	51,667	37,712	32,909	29,856	4,195	4,070	3,941	2,833	2,282
IN.....	26,726	26,140	20,648	17,132	15,077	3,527	3,415	2,670	2,194	1,911
IA.....	56,751	50,358	35,750	28,243	25,136	6,002	5,273	3,706	2,896	2,554
KS.....	29,028	27,983	22,368	18,527	16,304	2,845	2,715	2,148	1,762	1,535
KY.....	15,211	14,502	13,137	12,612	11,476	3,173	3,016	2,686	2,553	2,900
LA.....	13,645	13,645	12,695	10,048	7,385	1,549	1,534	1,411	1,107	800
ME.....	1,104	1,171	1,301	1,509	1,645	385	404	444	510	550
MD.....	5,727	6,899	5,452	4,715	4,577	1,145	1,167	1,068	915	879
MA.....	1,315	1,415	1,613	1,871	2,089	496	529	597	685	739
MI.....	12,942	12,942	11,993	10,580	9,416	3,057	3,027	2,578	2,251	1,983
MN.....	35,416	32,937	25,019	18,271	14,799	5,258	4,841	3,640	2,632	2,110
MS.....	12,784	13,330	11,774	10,521	9,153	1,823	1,882	1,646	1,456	1,254
MO.....	26,707	26,536	20,297	18,613	16,938	3,809	3,747	2,837	2,576	2,321
MT.....	15,877	16,141	18,542	12,459	10,216	1,309	1,318	1,095	897	809
NE.....	33,227	29,117	20,967	17,185	15,810	2,708	2,849	1,674	1,359	1,238
NV.....	2,216	2,280	2,015	1,755	1,858	264	267	236	203	213
NH.....	634	654	766	856	933	194	206	230	255	275
NJ.....	3,140	3,137	3,314	3,600	4,896	710	702	734	790	1,063
NM.....	8,188	8,315	7,335	5,961	5,425	794	799	698	561	506
NY.....	7,762	7,910	7,353	7,170	8,102	2,440	2,462	2,266	2,187	2,447
NC.....	14,454	15,177	13,414	12,206	11,840	2,987	3,105	2,717	2,448	2,351
ND.....	17,999	17,999	14,724	12,894	11,475	1,799	1,781	1,442	1,250	1,102
OH.....	23,914	22,813	17,791	16,012	14,891	3,736	3,528	2,734	2,427	2,235
OK.....	23,417	23,067	18,678	15,876	14,130	2,681	2,615	2,096	1,764	1,554
OR.....	12,590	12,563	10,422	9,328	8,581	2,304	2,160	1,774	1,572	1,432
PA.....	18,224	14,282	13,137	12,322	14,653	3,567	3,514	3,473	3,225	3,799
RI.....	307	214	243	282	306	48	49	55	63	68
SC.....	5,487	5,192	4,345	4,796	4,365	964	903	851	817	736
SD.....	15,486	15,021	11,125	9,568	7,941	1,668	1,602	1,174	1,000	822
TN.....	13,588	13,995	13,150	12,894	13,152	3,032	3,092	2,878	2,792	2,819
TX.....	74,528	81,117	88,346	72,515	64,539	6,508	7,013	7,561	6,144	5,414
UT.....	6,720	6,740	5,962	5,449	5,177	919	913	799	723	680
VT.....	1,431	1,517	1,627	1,688	2,067	442	463	492	565	610
VA.....	11,025	10,803	10,474	10,997	10,667	2,332	2,262	2,171	2,257	2,166
WA.....	15,208	15,472	14,560	12,906	11,566	2,464	2,482	2,360	2,043	1,800
WV.....	2,752	2,536	1,994	1,935	1,896	662	604	470	452	438
WI.....	20,257	18,832	14,992	12,522	11,019	5,680	5,228	4,120	3,407	2,968
WY.....	6,755	6,851	6,160	5,359	5,252	623	625	556	479	465
48 States....	804,765	794,034	686,194	597,235	549,782	107,458	105,071	90,442	79,296	73,673

¹ Total value of land and buildings are derived by multiplying average value per acre of farm real estate by the land in farms.

Economic Research Service.

Table 540.—Farm real estate: Index numbers of average value per acre, United States, 1972-87 ¹

(1977 = 100)

Date	Index	Date	Index	Date	Index
1972.....	47	1978.....	109	1984.....	146
1973.....	58	1979.....	125	1985.....	128
1974.....	66	1980.....	145	1986.....	112
1975.....	75	1981.....	158	1987.....	108
1976.....	86	1982.....	157		
1977.....	100	1983.....	148		

See footnotes on page 374.

Table 541.—Farm real estate: Index numbers of average value per acre, by States 1970, 1984-87¹

[1977=100]

State	1970	1984	1985	1986	1987	State	1970	1984	1985	1986	1987
AL.....	44	162	154	152	146	NV.....	50	192	173	151	160
AZ.....	56	181	163	142	149	NH ²	43	162	185	215	234
AR.....	54	167	152	126	114	NJ.....	38	129	141	157	213
CA.....	80	223	201	183	159	NM.....	53	190	162	133	121
CO.....	37	166	154	126	129	NY.....	39	133	128	131	148
CT ³	46	162	185	215	234	NC.....	46	158	142	129	125
DE.....	35	146	128	137	138	ND.....	34	142	116	102	91
FL.....	48	155	147	138	141	OH.....	35	116	90	81	75
GA.....	43	122	116	110	113	OK.....	45	156	126	107	95
ID.....	41	140	129	111	98	OR.....	54	187	114	108	95
IL.....	30	115	84	73	67	PA.....	34	138	127	122	145
IN.....	32	121	96	81	71	RI ⁴	47	162	185	215	234
IA.....	29	106	77	61	54	SC.....	40	125	121	117	107
KS.....	41	122	98	81	71	SD.....	39	136	101	87	72
KY.....	42	143	129	124	113	TN.....	45	135	127	128	131
LA.....	58	195	181	145	105	TX.....	52	208	229	190	169
ME ⁵	45	162	185	215	234	UT.....	48	188	165	153	146
MD.....	44	165	158	142	138	VT ⁶	45	162	185	215	234
MA ⁷	46	162	185	215	234	VA.....	40	143	140	147	143
MI.....	44	141	121	108	96	WA.....	50	157	151	133	118
MN.....	32	144	109	81	66	WV.....	33	172	143	139	136
MS.....	57	183	163	147	128	WI.....	38	155	126	106	93
MO.....	44	133	102	94	85	WY.....	43	136	122	106	104
MT.....	39	149	125	115	94	48 States.....	42	146	128	112	108
NE.....	37	114	82	67	62						

¹ All farmlands with improvements as of Mar. 1, 1970 and Apr. 1, 1983-85, and Feb. 1, 1986-87.² Based on an average for the six New England States for 1984-87.

Economic Research Service.

Table 542.—Livestock: Number and value, United States, Jan. 1, 1985-87

Class of livestock and poultry	Number			Value					
				Per head ²			Total		
	1985	1986	1987 ¹	1985	1986	1987 ¹	1985	1986	1987 ¹
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle.....	109,749	105,468	102,031	402	391	407	44,138,618	41,279,479	41,491,550
Hogs ³	54,073	52,313	50,960	75.00	69.60	91.60	4,055,724	3,640,368	4,669,498
Sheep and lambs.....	10,443	9,983	10,328	61.10	67.40	75.70	637,873	673,046	781,800
Goats ⁴	1,550	1,700	1,670	48.30	40.10	46.40	74,865	68,212	77,571
Total ⁵							48,907,080	45,661,107	47,020,519
Chickens ⁶	374,008	368,548	368,681	2.02	1.90	1.87	754,312	700,150	680,165
Turkey breeder hens ⁷	3,150	(*)	(*)	16.54	(*)	(*)	52,244	(*)	(*)
Total ⁷							49,713,636	46,361,257	47,710,684

¹ Preliminary.² Based on reporters' estimates of average price per head in their localities.³ Dec. 1 of preceding year.⁴ Texas only.⁵ Cattle, hogs, sheep, and goats.⁶ 24 Major States. Estimates discontinued in 1986.⁷ Includes all cattle, hogs, sheep, goats, and chickens (excluding broilers and turkey breeder hens in 1986 and 1987).

National Agricultural Statistics Service.

Table 543.—Farm real estate: Average value per acre of land and buildings, by State, March 1, 1970, April 1, 1984-85, and February 1, 1986-87

State	Mar. 1, 1970	Apr. 1, 1984	Apr. 1, 1985	Feb. 1, 1986	Feb. 1, 1987	State	Mar. 1, 1970	Apr. 1, 1984	Apr. 1, 1985	Feb. 1, 1986	Feb. 1, 1987
	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.
AL.....	200	909	769	761	731	NV.....	53	254	229	199	211
AZ.....	79	295	265	231	242	NH.....	239	1,244	1,419	1,646	1,794
AR.....	280	933	849	705	634	NJ.....	1,092	2,224	2,525	2,912	3,331
CA.....	479	1,918	1,726	1,571	1,366	NM.....	42	182	163	134	122
CO.....	95	468	435	357	364	NY.....	273	842	808	824	931
CT.....	921	2,814	3,208	3,721	4,056	NC.....	333	1,380	1,242	1,130	1,096
DE.....	499	1,866	1,642	1,757	1,775	ND.....	94	439	360	317	282
FL.....	355	1,608	1,527	1,435	1,464	OH.....	399	1,444	1,126	1,012	942
GA.....	234	910	865	822	846	OK.....	173	699	565	481	428
ID.....	177	814	749	644	567	OR.....	150	698	679	521	479
IL.....	490	1,890	1,314	1,143	1,040	PA.....	373	1,642	1,510	1,450	1,725
IN.....	406	1,594	1,259	1,058	931	RI.....	734	2,926	3,335	3,869	4,217
IA.....	392	1,499	1,064	841	748	SC.....	261	927	899	872	794
KS.....	159	583	466	387	340	SD.....	84	338	250	215	178
KY.....	253	1,007	906	870	791	TN.....	266	1,044	982	992	1,012
LA.....	321	1,351	1,256	1,005	734	TX.....	148	583	652	541	482
ME.....	161	750	856	993	1,082	UT.....	92	371	514	478	454
MD.....	640	2,186	2,097	1,887	1,831	VT.....	224	893	1,017	1,189	1,286
MA.....	565	2,061	2,372	2,752	2,999	VA.....	286	1,114	1,091	1,146	1,111
MI.....	326	1,223	1,052	986	833	WA.....	224	961	923	812	723
MN.....	226	1,063	823	609	493	WV.....	136	667	554	537	527
MS.....	234	939	835	752	654	WI.....	232	1,046	847	711	636
MO.....	224	856	659	606	552	WY.....	41	197	177	154	151
MT.....	60	264	222	204	167						
NE.....	154	617	444	364	335	48 States..	196	782	679	595	548

Economic Research Service.

Table 544.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1971-86

Item	1971	1972	1973	1974	1975 ¹	1976	1977	1978
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	216.4	241.8	297.1	326.9	381.0	453.5	507.6	600.7
Non-real-estate:								
Livestock ²	27.3	34.1	42.4	24.5	29.4	29.0	31.9	51.3
Machinery and motor vehicles	32.1	34.4	39.5	49.2	58.0	63.9	69.9	78.2
Crops stored on and off farms ³	11.8	14.5	22.0	23.3	21.3	22.1	24.8	28.0
Financial assets:								
Demand deposits	4.6	4.8	4.9	4.8	5.0	5.0	5.2	5.3
Currency	2.1	2.2	2.2	2.0	2.0	1.9	1.9	1.9
Investments in cooperatives	8.8	9.8	10.9	11.4	13.4	14.9	15.4	18.3
Total ⁴	303.0	341.4	418.9	442.2	510.1	590.4	656.6	783.7
CLAIMS								
Liabilities:								
Real-estate debt	29.1	31.7	35.8	40.6	45.2	50.4	58.0	65.6
Non-real-estate debt to—								
Commodity Credit Corporation ⁵	2.3	1.8	.8	.3	.4	1.0	4.5	5.7
Other reporting institutions ⁶	18.6	20.8	24.8	27.7	31.3	35.8	40.4	46.7
Nonreporting creditors ⁷	5.4	5.9	6.7	7.4	8.4	9.8	12.0	14.0
Total liabilities ⁴	55.3	60.2	68.1	76.0	85.2	97.0	114.9	131.9
Proprietors' equity	247.7	281.2	350.8	366.3	424.9	493.4	541.7	651.8
Total ⁴	303.0	341.4	418.9	442.2	510.1	590.4	656.6	783.7
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	704.2	779.2	780.2	745.6	736.1	639.6	559.6	515.3
Non-real-estate:								
Livestock ²	61.4	60.6	53.5	53.0	49.7	49.6	45.9	44.2
Machinery and motor vehicles	90.8	96.8	103.0	103.7	100.9	95.0	92.2	88.5
Crops stored on and off farms ³	33.5	36.5	36.1	40.6	33.2	33.7	37.1	28.7
Financial assets:								
Demand deposits	5.4	5.5	5.6	5.8	6.1	6.2	6.7	7.6
Currency	1.9	1.9	1.9	2.0	2.0	2.1	2.3	2.5
Investments in cooperatives	20.8	22.8	24.8	27.2	28.5	29.8	27.7	25.6
Total ⁴	918.1	1,003.2	1,005.2	977.8	956.5	856.1	771.4	712.4
CLAIMS								
Liabilities:								
Real-estate debt	78.5	87.9	97.3	101.2	103.7	102.9	97.3	90.0
Non-real-estate debt to—								
Commodity Credit Corporation ⁵	5.1	5.0	8.0	15.4	10.8	8.7	16.9	18.7
Other reporting institutions ⁶	55.3	60.1	65.3	67.9	69.4	69.6	62.8	59.8
Nonreporting creditors ⁷	16.3	17.4	18.4	19.1	18.6	17.6	15.1	11.8
Total liabilities ⁴	155.2	170.4	189.0	203.7	202.5	198.9	192.1	187.7
Proprietors' equity	762.9	832.9	816.3	774.2	754.0	657.2	579.3	618.5
Total ⁴	918.1	1,003.2	1,005.2	977.8	956.5	856.1	771.4	712.4

¹ Beginning with 1974, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded.

² Horses and mules are excluded.

³ Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

⁴ Total of rounded data.

⁵ Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

⁶ Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

⁷ Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

⁸ Preliminary.

Economic Research Service.

Table 545.—Farm assets and claims: Comparative balance sheet of the farming sector, including farm households, United States, Dec. 31, 1971-86

Item	1971	1972	1973	1974	1975 ¹	1976	1977	1978
ASSETS								
Physical assets:	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
Real estate	239.6	267.4	327.8	359.8	418.2	496.4	554.8	654.7
Non-real-estate:								
Livestock ²	27.3	34.1	42.4	24.5	29.4	29.0	31.9	51.3
Machinery and motor vehicles	36.6	39.3	44.2	54.7	64.0	71.0	77.0	86.1
Crops stored on and off farms ³	11.8	14.5	22.0	28.3	21.3	22.1	24.8	28.0
Household furnishings and equipment	10.8	11.9	12.3	11.2	11.7	12.1	13.8	16.0
Financial assets:								
Deposits and currency	13.2	14.0	14.9	14.0	14.5	14.8	15.2	15.5
United States savings bonds	3.7	4.0	4.2	3.8	3.9	3.8	3.9	4.2
Investments in cooperatives	8.8	9.8	10.9	11.4	13.4	14.9	15.4	18.3
Total ⁴	351.8	394.8	478.6	502.7	576.4	664.3	736.6	873.2
CLAIMS								
Liabilities:								
Real estate debt	32.2	35.1	39.5	44.7	49.7	55.3	63.5	71.6
Non-real estate debt to—								
Commodity Credit Corporation ⁵	2.3	1.8	.9	.3	.4	1.0	4.5	5.7
Other reporting institutions ⁶	19.6	22.0	26.2	29.2	33.1	37.8	42.7	49.5
Nonreporting creditors ⁷	5.5	6.0	6.9	7.5	8.6	10.0	12.2	14.3
Total liabilities ⁴	59.6	64.9	73.5	81.8	91.7	104.1	123.0	141.1
Proprietors' equity	292.2	330.0	405.2	420.9	484.7	560.2	613.6	732.1
Total ⁴	351.8	394.8	478.6	502.7	576.4	664.3	736.6	873.2
ASSETS								
Physical assets:	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
Real estate	765.7	846.6	846.7	808.7	798.0	693.7	607.5	559.5
Non-real-estate:								
Livestock ²	61.4	60.6	53.5	53.0	49.7	49.6	45.9	44.2
Machinery and motor vehicles	96.7	102.5	108.8	108.8	105.8	99.4	97.6	93.8
Crops stored on and off farms ³	33.5	36.5	36.1	40.6	33.2	33.7	37.1	28.7
Household furnishings and equipment	17.2	19.4	20.8	23.0	24.4	26.1	26.1	26.8
Financial assets:								
Deposits and currency	15.9	16.2	16.7	17.4	18.2	19.8	21.1	21.2
United States savings bonds	4.0	3.8	3.6	3.5	3.6	3.7	3.9	4.5
Investments in cooperatives	20.8	22.8	24.8	27.2	28.5	29.8	27.7	25.6
Total ⁴	1,015.3	1,108.3	1,111.1	1,082.0	1,061.4	955.8	866.9	804.2
CLAIMS								
Liabilities:								
Real estate debt	85.6	95.8	105.8	110.0	112.6	111.6	105.4	97.5
Non-real estate debt to—								
Commodity Credit Corporation ⁵	5.1	5.0	8.0	15.4	10.8	8.7	16.9	18.7
Other reporting institutions ⁶	58.8	63.9	69.5	72.3	73.9	74.2	67.2	59.2
Nonreporting creditors ⁷	16.6	17.7	18.8	19.5	18.9	18.0	15.4	12.4
Total liabilities ⁴	166.1	182.3	202.1	217.2	216.2	212.5	204.9	187.7
Proprietors' equity	849.3	926.0	909.0	864.8	845.1	743.3	661.9	616.6
Total ⁴	1,015.3	1,108.3	1,111.1	1,082.0	1,061.4	955.8	866.9	804.2

¹ Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.

² Horses and mules are excluded.

³ Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

⁴ Total of rounded data.

⁵ Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

⁶ Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

⁷ Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

⁸ Preliminary.

Economic Research Service.

Table 546.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, United States, Jan. 1, 1972-87

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines ¹	Corn heads ²	Pickup balers ³	Field forage harvesters ⁴
	Total	Wheel	Crawler						
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	4,549	4,366	183	209	3,063	725	625	692	296
1973.....	4,518	4,345	173	212	3,013	701	621	684	292
1974.....	4,493	4,329	164	219	3,023	698	618	674	295
1975.....	4,469	4,311	158	222	3,032	524	615	667	255
1976.....	4,434	4,281	153	228	3,043	527	610	641	263
1977.....	4,402	4,260	142	232	3,044	535	605	615	270
1978 ⁵	4,804	4,653	151	251	3,386	656	695	747	296
1979.....	4,776	4,628	150	301	3,358	655	706	744	295
1980.....	4,732	4,604	148	304	3,344	652	701	756	293
1981.....	4,726	4,590	146	306	3,350	650	696	770	291
1982.....	4,697	4,552	145	306	3,389	647	690	785	288
1983.....	4,669	4,524	145	309	3,435	644	684	800	285
1984.....	4,671	4,527	144	311	3,402	644	684	800	285
1985.....	4,676	4,533	143	311	3,380	643	684	800	285
1986.....	4,670	4,528	142	311	3,380	640	683	798	281
1987 ⁶									

¹ Data for 1975 and thereafter are for self-propelled combines only.² Includes cornpickers and picker-shellers.³ Does not include large balers that produce over 200-pound bales.⁴ Data for 1976 and thereafter do not include flail-type forage harvesters.⁵ U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. The 1974 U.S. data include only operations represented on the mailing list. Estimates are pegged to Census year data for all noncensus years before 1978.⁶ Data on number of specified kinds of farm machinery and equipment on farms will henceforth only be reported following the Census of Agriculture.

Economic Research Service.

FOOTNOTES FOR TABLE 549

¹ Total population includes Armed Forces overseas. April figures for 1972-83; July figures for later years.² April-centered five-quarter averages for 1972-83; annual averages of monthly data for later years.³ Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold. Last year of data was 1985.⁴ Beginning 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.

Economic Research Service and the U.S. Department of Commerce.

Table 547.—Farm machines, selected types: Units shipped in the United States, 1972-85

Year	Tractor moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators ¹	Power sprayers and dusters	Crop driers (heated air)
	Number	Number	Number	Number	Number	Number	Number
1972.....	44,914		18,296	16,766	19,180	37,649	16,997
1973.....	50,636		23,817	19,387	36,133	63,350	23,364
1974.....	60,543		29,466	25,615	41,450	81,039	34,781
1975.....	56,659		35,896	30,178	48,404	61,835	30,806
1976.....	52,711		38,199	31,942	40,299	55,593	29,904
1977.....	46,325		36,278	26,462	33,999	54,957	41,427
1978.....	32,111		23,169	18,712	36,355	62,289	39,961
1979.....	39,507		26,534	24,251	42,555	75,428	32,368
1980.....	26,759	8,302	20,407	20,154	32,876	63,588	24,301
1981.....	23,398	4,812	15,550	13,652	25,197	53,717	20,271
1982.....	8,538	3,010	8,971	8,517	14,622	42,897	27,360
1983.....	5,724	2,360	5,800	7,173	8,510	37,168	9,123
1984.....	5,051	2,727	6,066	9,295	9,419	39,671	9,798
1985.....	3,522	2,245	3,939	5,825	9,434	42,523	14,497

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers
	Number	Number	Number	Number	Number	Number	Number
1972.....	14,126	27,989	20,248	21,172		20,642	2,266
1973.....	19,436	32,656	26,890	25,241		24,985	2,591
1974.....	21,010	41,890	25,304	28,644		29,228	2,612
1975.....	22,591	49,118	22,792	31,259		26,741	1,361
1976.....	21,896	50,151	22,627	31,712		25,087	1,127
1977.....	20,328	42,621	18,740	31,943		24,085	1,816
1978.....	20,602	43,982	16,941	32,020		18,629	1,775
1979.....	19,126	52,310	17,090	32,357		20,052	1,279
1980.....	19,707	49,511	15,823	28,502	46,162	14,601	8,106
1981.....	13,615	39,149	9,563	22,062	48,695	17,107	7,637
1982.....	10,089	24,432	6,365	22,726	24,656	7,223	5,031
1983.....	7,266	25,018	5,357	13,673	14,699	4,121	3,028
1984.....	9,069	24,907	4,653	11,296	14,151	4,386	3,989
1985.....	8,072	20,141	3,344	7,027	9,966	2,836	4,083

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders ²	Milking machines ³	Mower-conditioners (combination) ⁴
	Number	Number	Number	Number	Number	Number	Number
1972.....	2,218	626	28,961	5,091	20,906	14,043	21,204
1973.....	2,236	746	30,615	8,653	27,424	14,826	23,581
1974.....	2,131	1,183	38,004	7,386	27,322	15,232	27,256
1975.....	2,547	1,273	29,977	9,060	30,288	19,976	25,539
1976.....	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977.....	1,790	1,005	24,541	6,506	25,899	10,704	27,517
1978.....	1,974	758	24,118	10,614	29,040	11,507	29,921
1979.....	1,632	362	24,649	11,077	25,963	14,274	25,089
1980.....	880	258	24,217	8,035	21,415	90,392	38,171
1981.....	270	389	16,254	6,662	16,599	90,381	31,059
1982.....	974	342	11,540	4,206	10,402	65,083	20,051
1983.....	1,055	302	11,451	3,234	8,699	48,855	15,048
1984.....	1,145	347	11,466	2,623	8,194	38,113	19,218
1985.....	1,182	302	10,429	2,293	10,506	60,505	12,367

¹ Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.² Beginning 1970, horizontal silo unloaders not included.³ Includes all mechanical milking machines.⁴ Includes also self-propelled windrowers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 548.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1972-85

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	3,681,826	96,810	198,505	196,517	76,929	643,869	190,229	116,899
1973.....	4,455,022	130,635	249,018	244,523	104,196	832,482	256,596	171,860
1974.....	5,959,092	182,301	394,993	354,436	162,796	1,093,207	407,652	254,921
1975.....	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976.....	7,525,216	266,660	478,322	516,847	224,013	1,435,307	506,250	233,656
1977.....	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	306,932
1978.....	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979.....	9,791,383	273,496	601,262	652,944	275,519	2,133,516	674,621	384,916
1980.....	9,450,357	245,875	555,377	680,743	275,793	2,207,075	778,199	340,083
1981.....	10,001,549	233,199	522,491	802,378	235,994	2,579,889	711,748	319,425
1982.....	7,768,197	151,887	360,522	673,080	202,153	2,069,585	545,099	282,420
1983.....	6,156,809	129,746	340,951	447,490	132,889	1,478,907	541,899	194,556
1984.....	6,821,686	152,464	369,681	601,094	175,355	1,424,639	611,568	197,790
1985.....	5,008,168	118,479	291,362	334,238	141,933	1,190,269	506,968	193,319

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and chillers	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and harnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973.....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974.....	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975.....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976.....	3,044,640	173,130	158,848	87,611	77,087	100,472	59,798	160,580
1977.....	3,211,575	163,934	161,709	114,691	97,347	127,867	54,481	188,150
1978.....	3,203,157	247,779	197,331	157,168	106,920	159,452	95,266	251,587
1979.....	3,314,388	276,557	245,368	173,492	134,301	223,333	130,723	306,942
1980.....	3,108,391	207,105	254,083	140,809	143,732	174,931	63,951	274,220
1981.....	3,414,133	212,067	248,491	117,966	159,961	144,939	41,530	257,298
1982.....	2,474,884	172,989	257,882	112,436	110,656	110,400	41,946	202,249
1983.....	1,996,498	140,300	228,465	72,576	116,133	102,443	50,490	184,566
1984.....	2,393,918	133,386	252,992	69,773	105,430	120,646	44,088	168,912
1985.....	1,418,936	109,237	245,071	64,521	92,129	109,000	35,938	156,768

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 549.—Population: Total and farm, United States, 1972-86

Year	Total popula- tion ¹	Farm population		Year	Total popula- tion ¹	Farm population	
		Num- ber ²	Percent of total			Num- ber ²	Percent of total
	Thous- ands	Thous- ands	Percent		Thous- ands	Thous- ands	Percent
Previous definition: ³				Current definition: ⁴			
1972.....	209,386	9,610	4.6	1978.....	221,991	6,501	2.9
1973.....	211,420	9,472	4.5	1979.....	224,438	6,241	2.8
1974.....	213,361	9,264	4.3	1980.....	227,061	6,051	2.7
1975.....	215,353	8,864	4.1	1981.....	229,542	5,850	2.5
1976.....	217,528	8,253	3.8	1982.....	231,932	5,628	2.4
1977.....	219,684	7,806	3.6	1983.....	234,237	5,787	2.5
1978.....	221,991	8,005	3.6	1984.....	237,001	5,754	2.4
1979.....	224,438	7,553	3.4	1985.....	239,283	5,355	2.2
1980.....	227,061	7,241	3.2	1986.....	241,596	5,226	2.2
1981.....	229,542	7,014	3.1				
1982.....	231,932	6,880	3.0				
1983.....	234,237	7,029	3.0				

See footnotes on page 380.

Table 550.—Farm labor: Number of workers on farms and average wage rates, by States and regions ¹

State and region ²	Workers on farms		Farm wage rates ³				
	Unpaid ⁴	Hired	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>Jan. 19-19, 1906</i>							
FL.....	14	65	4.36	4.59	4.41	4.49	6.27
So. Plains.....	201	62	4.61	4.47	4.54	4.62	4.83
Mountain III.....	29	18	4.41	4.64	4.51	4.55	5.68
CA.....	54	136	4.98	5.47	5.05	4.85	7.20
HI.....	3	10	6.64	(⁵)	6.57	7.94	10.10
<i>April 6-12, 1906</i>							
Northeast I.....	69	51	4.60	3.77	4.11	4.62	4.18
Northeast II.....	74	45	4.27	3.64	4.05	4.36	4.28
Appalachian I.....	78	44	3.90	4.23	4.01	4.05	5.10
Appalachian II.....	107	28	3.92	4.24	4.04	4.06	4.52
Southeast.....	77	46	3.90	4.10	3.51	3.71	3.62
FL.....	19	62	5.11	4.52	5.00	4.52	6.38
Lake.....	255	78	4.24	3.27	3.62	4.08	3.65
Cornbelt I.....	201	78	4.45	4.62	4.56	4.66	5.11
Cornbelt II.....	194	40	3.90	3.85	3.88	4.17	4.07
Delta.....	90	46	3.68	4.44	3.99	3.85	4.61
N. Plains.....	217	42	4.97	4.49	4.74	4.62	5.09
S. Plains.....	200	78	4.68	4.58	4.65	4.48	5.02
Mountain I.....	58	28	4.32	3.57	3.79	4.49	3.80
Mountain II.....	38	27	4.46	5.46	5.07	5.00	5.11
Mountain III.....	26	18	4.73	4.29	4.59	4.52	5.72
Pacific.....	48	39	4.70	5.27	4.80	4.77	6.19
CA.....	54	152	5.04	5.66	5.13	5.07	7.60
HI.....	3	8	6.39	(⁵)	6.26	6.84	(⁵)
US (49 States).....	1,806	910	4.58	4.26	4.46	4.52	4.92

¹ Excludes agricultural service workers. ² Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA.

³ Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during survey week. ⁴ Includes all persons doing work for pay during survey week. ⁵ Insufficient data.

National Agricultural Statistics Service.

Table 551.—Farm labor: Number of workers on farms and average wage rates, by States and regions ¹

State and region ²	Workers on farms		Farm wage rates ⁴				
	Unpaid ³	Hired	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>July 6-12, 1986</i>							
Northeast I.....	67	70	4.31	3.61	4.06	4.45	3.70
Northeast II.....	81	66	4.20	4.08	4.16	4.25	5.23
Appalachian I.....	88	77	3.91	3.94	3.92	4.18	4.02
Appalachian II.....	153	52	3.28	4.26	3.60	3.66	4.34
Southeast.....	65	54	3.62	4.26	3.79	3.92	4.10
FL.....	16	41	4.48	4.60	4.50	4.69	6.34
Lake.....	306	128	4.38	3.36	3.98	4.12	3.45
Cornbelt I.....	216	95	4.22	4.25	4.23	4.45	5.09
Cornbelt II.....	301	70	4.34	4.15	4.27	4.42	4.53
Delta.....	82	51	3.75	4.22	3.91	3.82	4.43
No. Plains.....	228	47	4.64	4.80	4.68	4.55	4.49
So. Plains.....	188	83	4.27	4.20	4.24	4.19	4.63
Mountain I.....	58	33	4.51	3.84	4.27	4.63	3.69
Mountain II.....	38	31	4.47	5.15	4.74	4.54	5.62
Mountain III.....	32	17	3.99	4.01	3.99	4.28	5.19
Pacific.....	82	103	4.15	(⁵)	4.19	4.51	5.44
CA.....	67	204	5.22	5.31	5.23	5.21	7.54
HI.....	3	11	6.40	(⁵)	6.40	6.83	10.34
US (49 States).....	1,971	1,233	4.39	4.15	4.32	4.46	4.88
<i>October 12-18, 1986</i>							
Northeast I.....	61	64	4.66	3.77	4.32	4.56	4.31
Northeast II.....	76	51	4.70	3.54	4.28	4.87	4.17
Appalachian I.....	78	50	4.24	3.97	4.17	4.12	4.57
Appalachian II.....	129	54	3.73	4.17	3.81	3.65	5.04
Southeast.....	62	39	3.64	4.16	3.90	4.13	3.97
FL.....	15	57	4.63	4.58	4.62	4.67	6.61
Lake.....	299	84	4.41	3.66	4.07	4.51	3.72
Cornbelt I.....	245	92	4.67	4.10	4.41	4.58	5.32
Cornbelt II.....	198	40	4.02	4.06	4.04	4.35	4.00
Delta.....	74	55	4.01	4.37	4.24	4.11	4.59
No. Plains.....	193	39	4.16	4.52	4.31	4.65	4.65
So. Plains.....	149	63	4.44	4.69	4.58	4.43	5.54
Mountain I.....	55	25	4.49	4.14	4.36	4.66	3.87
Mountain II.....	42	19	4.41	6.17	5.81	4.66	7.21
Mountain III.....	32	14	5.00	4.08	4.68	4.79	5.92
Pacific.....	67	43	5.09	5.64	5.16	4.85	6.26
CA.....	61	176	5.15	5.56	5.23	4.96	7.84
HI.....	3	10	6.39	(⁵)	6.39	6.96	10.61
US (49 States).....	1,839	975	4.61	4.37	4.52	4.56	5.27

See footnotes for table 550 on page 353.

Table 552.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1972-86 ¹

Year	Total workers		Unpaid workers ²		Hired workers ³		Hired farm workers ⁴	
	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100	Wage rates	Index ⁴ 1977=100
1972.....	4,973.4	105	3,227.7	113	1,145.7	88	1.58	55
1973.....	4,386.7	104	3,169.0	111	1,167.7	89	1.73	60
1974.....	4,388.9	105	3,074.7	107	1,314.2	101	2.25	78
1975.....	4,342.1	104	3,025.5	106	1,316.6	101	2.43	85
1976.....	4,373.9	105	2,997.2	105	1,376.7	105	2.66	93
1977.....	4,169.9	100	2,863.0	100	1,306.9	100	2.87	100
1978 ⁵	3,956.6	95	2,688.9	94	1,267.7	97	3.09	108
Jan.....	3,009.5	93	2,245.2	90	764.3	94	3.18	107
Apr.....	3,688.5	89	2,593.4	87	1,095.1	95	3.09	110
July.....	4,967.8	98	3,119.8	98	1,848.0	99	2.94	106
Oct.....	4,080.0	96	2,762.6	97	1,317.4	100	3.19	107
1979.....	3,774.2	91	2,501.2	87	1,273.0	97	3.39	118
Jan.....	2,996.5	93	2,198.7	91	797.8	98	3.38	114
Apr.....	3,480.6	84	2,424.4	82	1,056.2	91	3.40	121
July.....	4,639.3	92	2,831.9	89	1,807.4	97	3.23	117
Oct.....	3,943.5	95	2,525.1	89	1,418.4	108	3.57	119
1980.....	3,705.8	89	2,402.3	84	1,303.0	100	3.66	128
Jan.....	3,021.5	94	2,111.9	88	909.6	111	3.69	125
Apr.....	3,441.4	85	2,255.0	76	1,186.4	108	3.61	128
July.....	4,542.5	90	2,751.2	86	1,791.4	96	3.54	128
Oct.....	3,791.4	91	2,485.4	88	1,306.0	99	3.85	129
1981.....								
Jan.....	2,997.5	90	2,068.9	86	928.6	114	4.12	130
Apr.....	3,662.5	89	2,402.9	81	1,259.6	109	3.92	129
1982.....								
July.....	4,043.4	80	2,494.4	78	1,549.0	83	4.00	144
1983.....								
July.....	3,749.0	74	2,271.0	71	1,478.0	79	4.11	148
1984.....								
July.....	3,750.0	74	2,315.9	73	1,435.0	77	4.18	150
Oct.....	3,059.0	74	2,034.0	72	1,025.0	78	4.56	153
1985.....								
Apr.....	2,821.0	68	1,914.0	64	907.0	78	4.51	160
July.....	3,570.0	71	2,197.0	69	1,373.0	73	4.24	153
Oct.....	2,966.0	71	1,941.0	68	1,015.0	77	4.56	153
1986.....								
Apr.....	2,718.0	66	1,808.0	61	910.0	79	4.71	167
July.....	3,204.0	63	1,971.0	62	1,233.0	66	4.57	165
Oct.....	2,514.0	68	1,839.0	65	975.0	74	4.83	162

¹ Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. For 1974 through 1980, annual averages are the sum of regional and State averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. The quarterly farm labor surveys were discontinued after April 1981. An annual survey was implemented in 1982 which surveyed establishments in July obtaining data for the week that included the 12th. Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii.

² Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages.

³ Includes all persons doing farm work for pay during the survey week.

⁴ Index is not seasonally adjusted.

⁵ Hawaii included in U.S. average beginning 1978.

National Agricultural Statistics Service.

Table 553.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1972-86¹

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1972.....	184	133	51	138	158	124	2,434	1,814
1973.....	203	170	34	146	177	138	2,873	2,276
1974.....	209	179	30	141	149	111	3,162	2,423
1975.....	188	143	45	143	170	122	3,522	2,586
1976.....	213	153	60	147	166	114	3,709	2,551
1977.....	191	152	39	152	165	120	3,839	2,791
1978 ²								
1979.....	217	165	52	161	180	115	5,004	2,996
1980 ²								
1981.....	115	96	20	91	167	138	4,271	3,361
1982 ²								
1983.....	226	194	33	191	207	146	6,292	5,489
1984 ²								
1985.....	159	117	42	122	197	120	6,194	3,256
1986 ²								

¹ Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. Data do not include foreign nationals who entered the United States to do farmwork but left the country before the time of the survey. ² Beginning in 1977, survey data were collected biennially.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 554.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1972-86¹

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	Thousands	Days	Dollars		Thousands	Days	Dollars
1972.....	1,109	161	2,182	1980 ²			
1973.....	1,072	175	2,645	1981.....	1,035	179	4,986
1974.....	1,073	166	2,814	1982 ²			
1975.....	972	171	3,082	1983.....	1,118	173	5,544
1976.....	1,068	160	3,176	1984 ²			
1977.....	1,133	170	3,592	1985.....	1,007	196	6,251
1978 ²				1986 ²			
1979.....	1,168	169	4,126				

¹ Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did hired farm work at some time during the year. This series differs from the hired workers series shown in table 552 which estimates farm employment from a survey of farm operators.

² Beginning in 1977, the survey was conducted biennially.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 555.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1972-86 ¹

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1972.....	2,809	2,169	641	1,679	176	141	2,491	1,877
1973.....	2,871	2,116	555	1,585	188	154	2,942	2,308
1974.....	2,787	2,165	572	1,568	178	145	3,051	2,438
1975.....	2,638	2,086	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	621	1,622	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 ²								
1979.....	2,652	2,075	576	1,753	190	150	4,883	3,605
1980 ²								
1981.....	2,492	1,918	574	1,523	188	154	5,281	4,214
1982 ²								
1983.....	2,595	2,017	578	1,623	191	155	5,984	4,978
1984.....								
1985.....	2,522	1,980	542	1,579	211	165	6,838	5,047
1986 ²								

¹ Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 552 which estimates farm employment from a survey of farm operators.

² Beginning in 1977, survey data were collected biennially.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 556.—Crops: Area, yield, production

Crop	Area harvested			Yield per harvested		
	1984	1985	1986 *	Unit	1984	1985
	1,000	1,000	1,000			
	acres	acres	acres			
Corn for grain.....	71,915	75,224	69,189	Bushel...	106.7	118
Corn for forage.....	330	306	(^b)			
Corn for silage.....	7,541	7,160	6,244	Ton.....	13.9	14
Wheat, all.....	* 66,928	* 64,734	60,688	Bushel...	38.8	37
Winter.....	* 51,513	* 47,953	43,170	do.....	40.0	38
Durum.....	3,219	3,094	2,877	do.....	32.1	36
Other spring.....	12,196	13,687	14,841	do.....	35.3	35
Oats.....	* 8,183	8,177	6,970	do.....	58.0	63
Barley.....	* 11,231	11,603	12,007	do.....	53.4	51
Rye.....	981	717	677	do.....	33.1	23
Flaxseed.....	538	584	683	do.....	13.1	14
Rice.....	2,802.0	2,492.0	2,380.0	Cwt.....	* 4,954	* 5,414
Sorghum for grain.....	15,355	16,782	13,904	Bushel...	56.4	66
Sorghum for forage.....	679	796	(^b)			
Sorghum for silage.....	609	534	495	Ton.....	10.6	12
Cotton lint.....	10,379.1	10,229.0	8,168.4	Bale.....	* 600	* 630
Cottonseed.....				Ton.....		
Hay, all.....	61,445	60,423	62,274	Ton.....	2.45	2
Beans, dry edible.....	1,460.3	1,481.4	1,495.0	Cwt. ¹	* 1,443	* 1,497
Soybeans for beans.....	66,113	61,584	59,427	Bushel...	28.1	34
Peanuts for nuts.....	1,531.0	1,467.4	1,537.2	Pound.....	2,878	2,810
Potatoes.....	1,301.0	1,261.1	1,215.3	Cwt.....	279	299
Sunflower.....	3,692	2,844	1,955	Pound.....	1,014	1,109
Sweetpotatoes.....	103.5	106.3	94.4	Cwt.....	125	141
Taro.....	4	4	4	Pound.....	17,100	17,200
Tobacco.....	791.7	688.0	583.9	do.....	2,183	2,197
Sugarcane for sugar and seed.....	747.3	770.0	796.2	Ton.....	36.6	36
Sugarbeets.....	1,096.3	1,102.5	1,191.3	Ton.....	20.2	20
Mint oil.....	95.1	95.2	92.7	Pound.....		
Hops.....	30.8	28.1	25.0	do.....	1,824	1,769
Apples, commercial crop.....				do.....		
Peaches.....				do.....		
Pears.....				Ton.....		
Grapes.....				Ton.....		
Cherries.....				Ton.....		
Apricots.....				Ton.....		
Plums (California).....				Ton.....		
Prunes, dried (California).....				Ton.....		
Prunes and plums, fresh basis (excluding California).....						
Figs ²				Ton.....		
Nectarines.....				Ton.....		

Production, and value, United States, 1984-86 ¹

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FARM RESOURCES, INCOME, AND EXPENSES, 1987

Irrigated acre		Production			Value of production		
1985	1986 *	1984	1985	1986 *	1984	1985	1986 *
		Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
118.0	119.3	7,674,020	8,876,706	8,252,834	20,064,595	21,029,100	12,387,438
14.4	14.2	104,590	102,753	88,510			
37.5	34.4	2,584,777	2,425,105	2,066,780	8,755,093	7,647,501	4,861,364
38.1	35.2	2,060,266	1,827,615	1,519,143	6,961,900	5,667,185	3,483,435
36.4	33.2	103,439	112,510	95,407	389,420	368,017	240,174
35.4	32.3	481,072	484,960	472,280	1,503,713	1,612,599	1,137,752
63.7	56.0	473,661	520,800	384,546	797,854	646,229	431,626
51.0	50.8	599,204	591,383	610,497	1,356,316	1,168,621	945,804
28.8	28.8	32,463	20,637	19,408	68,828	43,251	27,438
14.2	16.9	7,022	8,293	11,538	42,739	41,912	41,033
* 5,414	* 5,648	138,810	134,913	134,416	1,119,373	893,377	528,256
66.8	67.7	866,241	1,120,271	941,634	2,064,906	2,538,222	1,315,533
12.3	11.8	6,472	6,566	5,850			
* 630	552	12,961.8	13,432.2	9,731.1	3,608,434	3,645,410	2,440,520
		5,148.9	5,279.2	3,800.9	511,953	348,342	298,365
2.46	2.49	150,648	148,601	155,271	10,203,921	9,437,282	8,643,727
* 1,497	153.2	21,070	22,175	22,898	394,969	389,376	431,172
34.1	33.8	1,860,863	2,098,581	2,007,033	10,748,050	10,571,324	9,325,189
2,810	2,407	4,405,745	4,122,787	3,700,745	1,230,720	1,003,412	1,065,945
299	292	362,612	407,109	354,468	2,045,697	1,570,690	1,739,704
1,109	1,369	3,744,580	3,153,020	2,875,750	415,584	251,595	185,186
141	135	12,966	14,853	12,754	182,191	130,450	130,510
17,200	15,400	6,310	6,960	6,000	1,282	1,578	1,292
2,197	1,997	1,727,962	1,511,638	1,165,927	3,120,850	2,486,520	1,777,911
36.6	38.1	27,340	28,213	30,311	760,934	751,560	n.a.
30.4	21.2	22,134	22,529	25,224	750,162	761,236	n.a.
		6,353	6,834	6,966	72,399	71,073	74,536
1,769	1,958	56,167	49,713	48,962	117,701	95,616	85,058
		8,318,100	7,833,900	7,865,300	927,622	915,697	1,068,526
		2,467,900	2,046,400	2,237,900	320,671	307,338	326,510
		697	747	780	159,730	201,009	199,397
		5,169	5,607	5,225	980,696	950,106	1,170,055
		292	267	249	164,100	162,881	162,906
		117	106	55	36,081	28,137	22,111
		225	167	152	47,796	85,512	99,857
		148	141	99	102,564	95,890	78,408
		51	48	44	10,683	11,047	11,252
		96	83	47	10,460	9,942	12,288
		183	210	172	67,779	68,723	75,730

Olives.....				Ton.....		
Dates.....				Ton.....		
Kiwi/fruit.....				Ton.....		
Avocados [*]				Ton.....		
Bananas.....	.9	.8	1.0	Pound.....	10,200	9,700
Papayas.....	2.6	2.7	2.4	do.....	46,300	35,800
Pineapples.....	35.0	34.5	36.0	Ton.....	n.a.	n.a.
Pomegranates.....				Ton.....		
Cranberries.....	23.8	24.4	24.9	Barrel.....	189.5	142.8
Strawberries.....	43.3	44.1	44.4	Cwt.....	229	231
Oranges ¹⁰				Box.....		
Grapefruit ¹⁰				Box.....		
Lemons ¹⁰				Box.....		
Limes ¹⁰				Box.....		
Tangerines ¹⁰				Box.....		
Tangelos ¹⁰				Box.....		
Templets ¹⁰				Box.....		
Pecans.....				Pound.....		
Pistachios.....				do.....		
Walnuts.....				Ton.....		
Almonds.....				Pound.....		
Filberts.....				Ton.....		
Macadamia nuts.....				Pound.....		
Coffee.....	1.7	1.7	2.0	do.....	1,080	1,120
Commercial vegetables:						
Beans, snap ¹¹	216.6	222.2	190.6	Ton.....	3.07	3.16
Broccoli.....	106.5	109.5	119.1	Cwt.....	97	97
Carrots.....	93.6	90.1	86.1	Cwt.....	253	254
Cauliflower.....	60.8	61.2	67.8	Cwt.....	110	109
Celery.....	35.1	33.9	33.3	Cwt.....	585	542
Corn, sweet ¹²	620.2	625.9	598.0	Ton.....	5.37	5.47
Honeydew melons.....	23.3	25.7	28.8	Cwt.....	173	186
Lettuce.....	221.9	225.7	216.0	Cwt.....	290	274
Onions.....	129.4	122.8	115.3	Cwt.....	398	367
Peas, green ¹¹	330.5	353.6	272.4	Ton.....	1.50	1.63
Tomatoes ¹²	414.8	390.1	379.2	Ton.....	21.92	22.23

¹ Hawaii is included in commercial vegetables and in area and production of sugarcane seeded in preceding fall. ² Area seeded in preceding fall. ³ Yield in pounds. ⁴ Clean and ends with completion of harvest the following year. Citrus production is for the year of see individual crop tables. n.a. not available.

National Agricultural Statistics Service.

		91	96	112	50,441	53,635	63,076
		22	29	19	17,560	24,854	15,652
		17	21	23	17,729	16,667	24,102
		230	189	273	127,906	176,416	123,520
9,700	9,900	8,900	8,160	9,700	2,670	2,472	2,910
25,800	24,600	80,500	60,400	61,000	9,196	8,579	11,123
n.s.	n.s.	600	565	646	89,928	90,530	99,720
		19	17	21	2,010	5,529	8,567
142.8	143.4	3,322	3,485	3,570	180,940	189,925	194,606
231	230	3,909	10,188	10,193	413,251	450,819	503,641
		169,510	158,750	176,410	1,394,269	1,459,334	1,074,078
		53,610	55,800	57,770	219,602	306,537	335,056
		21,270	25,800	18,350	125,483	168,051	218,125
		1,440	1,640	1,450	17,506	19,901	21,017
		5,000	3,430	3,650	38,917	49,432	48,313
		3,600	3,600	2,950	22,796	35,354	19,012
		2,990	3,250	2,950	21,489	36,225	15,909
		232,400	244,400	272,700	144,830	166,288	196,379
		63,100	27,100	74,900	61,828	36,471	88,917
		213	219	180	155,499	174,767	194,400
		590,000	465,000	250,000	446,134	380,640	461,565
		13	25	15	8,319	16,738	10,967
		37,700	42,000	44,000	26,068	30,450	35,290
1,120	1,450	1,750	1,850	2,900	4,813	5,180	8,700
3.16	3.20	666.1	702.5	609.4	113,935	118,799	97,262
97	97	10,282	10,627	11,529	237,884	239,345	229,739
254	272	22,734	22,916	23,434	247,920	296,426	235,942
109	111	6,688	6,664	7,527	174,931	169,153	191,863
542	528	18,757	18,349	17,614	228,457	189,527	211,065
5.47	5.54	3,331.6	3,428.1	3,310.3	367,147	367,529	359,742
185	189	4,031	4,758	5,438	55,994	58,055	69,132
274	271	64,309	61,804	58,622	706,271	675,270	701,341
367	375	43,657	45,059	43,301	422,538	347,247	427,660
1.63	1.52	495.3	577.8	414.9	117,266	138,489	93,781
22.23	23.66	9,090.6	8,672.0	8,971.0	1,239,586	1,197,904	1,264,914

CROP AREA, YIELD, PRODUCTION, AND VALUE

garcane, but is excluded from other crops. ¹ Preliminary. ² Discontinued. ³ Includes area
⁴ Clean basis. ⁵ Fresh basis. ⁶ Year of bloom. ⁷ Crop year begins with bloom in one year
year of harvest. ⁸ Processing only. ⁹ For breakdown between fresh market and processing.

Table 557.—Crops: Area, United States, 1972-86

Year	Principal crops				Commercial vegetables, harvested area ^a	Fruits and planted nuts, bearing area ^a
	Harvested area			Planted area total ^a		
	Feed grains ¹	Food grains ²	Total ³			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1972	93,780	50,171	282,976	294,609	3,232.6	3,204.2
1973	101,906	57,273	309,956	318,381	3,363.6	3,248.1
1974	99,752	68,683	315,941	326,076	3,333.4	3,314.4
1975	104,683	73,045	324,040	332,236	3,416.6	3,437.6
1976	106,245	74,126	325,324	336,091	3,202.0	3,374.6
1977	108,624	69,612	333,282	344,873	3,217.0	3,485.8
1978	105,714	60,391	326,423	336,438	3,255.6	3,504.6
1979	102,510	66,173	336,736	345,803	3,298.0	3,510.9
1980	101,391	75,087	340,108	355,677	3,044.9	3,556.0
1981	106,646	85,119	354,295	363,167	2,971.5	3,537.4
1982	106,127	81,876	349,644	358,708	2,189.8	3,551.6
1983	80,287	64,455	293,944	309,536	2,135.2	3,580.8
1984	106,564	70,711	334,723	345,110	2,446.1	3,545.0
1985	111,786	67,943	330,063	342,224	2,467.2	3,497.5
1986	101,970	63,745	312,578	328,264	2,313.3	3,422.5

¹ Corn for grain, oats, barley, and sorghum for grain. ² Wheat, rye, and rice. ³ Crop area included is for corn, sorghum, oats, barley, wheat, rice, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, all hay, dry edible beans, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets; popcorn and dry edible peas also included for 1970 through 1972, and 1986, Austrian winter peas and lentils for 1986. ⁴ Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, dry edible beans, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane; popcorn and dry edible peas also included for 1970 through 1972, and 1986, Austrian winter peas and lentils for 1986. ⁵ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ⁶ Includes the following fruits and nuts: Citrus fruits—orange, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit (beginning 1980), olives, avocados, papayas, dates, persimmons (prior to 1978), pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios (beginning 1977).

National Agricultural Statistics Service.

Table 558.—Harvested crops: Area required for specified purposes, United States, 1972-86

Year	Crops harvested ¹	Area used for producing—		Total population July 1 ²	Year	Crops harvested ¹	Area used for producing—		Total population July 1 ²		
		Export products ³	Products for domestic use				Export products ³	Products for domestic use			
			Total					Per capita		Total	Per capita
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions
1972.....	294	91	208	.97	210	1980.....	352	137	215	.94	228
1973.....	321	96	225	1.06	212	1981.....	366	129	237	1.03	230
1974.....	328	99	229	1.07	214	1982.....	362	113	249	1.07	232
1975.....	336	100	236	1.09	216	1983.....	306	124	182	.77	235
1976.....	337	97	240	1.10	218	1984.....	348	96	252	1.06	237
1977.....	345	112	233	1.06	220	1985.....	342	79	263	1.10	239
1978.....	338	114	224	1.00	223	1986 ⁴	325	94	231	.95	242
1979.....	348	125	223	.99	225						

¹ Area in principal crops harvested as reported by The Agricultural Statistics Board, NASS, plus area in vegetables, fruits, tree nuts, and farm gardens.

² Area for exports relate to exports for year beginning July 1 through 1974 and for October 1 thereafter. Area includes seeds for crops and feed for livestock that are exported.

³ Includes persons in our military forces in this country and abroad.

⁴ Preliminary.

Economic Research Service.

Table 559.—Total farm input: Index numbers of farm input by major subgroups, United States, 1972-86

(1977=100)

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals ¹	Feed, seed, and livestock purchases ²	Taxes and interest	Miscellaneous
1972.....	97	110	102	86	86	104	102	92
1973.....	98	109	100	90	90	107	102	90
1974.....	98	109	99	92	92	99	103	87
1975.....	97	106	97	96	83	93	100	82
1976.....	98	100	98	98	96	101	102	90
1977.....	100	100	100	100	100	100	100	100
1978.....	102	100	100	104	107	108	99	108
1979.....	105	99	103	104	123	115	102	118
1980.....	103	96	103	101	123	114	100	98
1981.....	102	96	103	98	129	108	99	108
1982.....	100	93	103	94	118	106	99	115
1983.....	97	97	101	90	105	108	99	100
1984.....	96	92	99	88	121	104	95	110
1985 ³	94	85	97	83	123	110	96	116
1986.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Includes fertilizer, lime, and pesticides.² Nonfarm portion of feed, seed, and livestock purchases.³ Preliminary.

n.a. not available.

Economic Research Service.

Table 560.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1972-86

(1977=100)

Year	Farm output	Livestock and products ¹					Crops									
		All live- stock and products ²	Meat ani- mals ³	Dairy pro- ducts ⁴	Poul- try and eggs ⁵	All crops ⁶	Feed grains ⁷	Hay and for- age ⁸	Food grains ⁹	Vegeta- bles ¹⁰	Fruits and nuts ¹¹	Sugar crops ¹²	Cotton	To- bacco	Oil crops ¹³	
1972.....	91	101	104	97	97	87	88	96	77	97	78	110	97	91	74	
1973.....	93	99	102	94	94	92	91	101	86	99	93	95	91	91	87	
1974.....	88	100	104	94	94	84	74	96	91	101	94	89	82	104	71	
1975.....	95	95	97	94	92	98	91	100	108	97	98	114	58	114	86	
1976.....	97	99	100	86	98	92	95	94	107	99	96	112	74	112	74	
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
1978.....	104	101	100	99	106	102	108	106	93	108	99	101	76	106	105	
1979.....	111	104	108	101	114	113	116	108	108	107	105	94	102	80	129	
1980.....	104	108	107	105	115	101	97	98	121	104	119	97	79	93	99	
1981.....	118	109	106	108	119	117	121	106	144	111	111	107	109	108	114	
1982.....	116	107	101	110	119	117	122	109	188	116	113	96	85	104	121	
1983.....	96	109	104	114	120	88	67	100	117	107	110	93	55	75	91	
1984.....	112	107	101	110	123	111	114	107	129	117	114	95	91	99	106	
1985 ¹⁴	119	110	101	117	128	117	133	106	121	122	108	97	94	81	117	
1986 ¹⁴	115	111	n.a.	n.a.	n.a.	108	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	

¹ Production of livestock and livestock products for human use, horses and mules excluded. ² Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. ³ Cattle and calves, sheep and lambs, and hogs. ⁴ Butter, butterfat, whole milk, retail milk, and milk consumed on farms. ⁵ Chicken eggs, commercial broilers, chickens, and turkeys. ⁶ Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. ⁷ Corn for grain, oats, barley, and sorghum grain. ⁸ All hay, sorghum forage, corn silage, and sorghum silage. ⁹ All wheat, rye, and rice. ¹⁰ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. ¹¹ Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom.¹² Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. ¹³ Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed. ¹⁴ Preliminary. n.a. not available.

Economic Research Service.

Table 561.—Livestock and livestock products: Production and value, United States, 1984-86

Product	Production ¹			Value of production		
	1984	1985	1986 ²	1984	1985	1986 ²
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Cattle and calves.....	40,030,471	40,137,633	40,464,719	22,145,753	21,196,786	20,924,859
Sheep and lambs.....	694,116	684,217	720,733	376,512	427,805	441,565
Hogs.....	20,195,689	20,164,269	19,362,696	9,498,230	8,871,310	8,331,589
Chickens ³	19,000,718	19,879,936	20,673,641	6,187,236	5,832,363	6,907,977
Turkeys.....	3,385,248	3,702,194	4,141,727	1,655,256	1,818,626	1,951,570
Milk.....	135,450,000	143,147,000		18,340,937	18,379,194	
Wool (shorn).....	95,471	87,941	84,356	75,876	55,657	56,331
Mohair ⁴	11,200	13,300	15,200	48,160	45,885	38,152
Eggs.....	68,230,000	68,407,000	68,514,000	4,110,920	3,252,519	3,515,228
	Thousands	Thousands	Thousands			

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

² Preliminary.

³ Including commercial broiler production. Pounds sold replace production of chickens, beginning 1985.

⁴ Texas only.

National Agricultural Statistics Service.

Table 562.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1972-86

[1977 = 100]

Year	Productivity ¹	Year	Productivity ¹	Year	Productivity ¹
1972.....	94	1977.....	100	1982.....	116
1973.....	95	1978.....	101	1983.....	96
1974.....	90	1979.....	105	1984.....	116
1975.....	99	1980.....	101	1985 ²	127
1976.....	98	1981.....	116	1986 ²	n.a.

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 565 by the index of total input in table 559.

² Preliminary.

n.a. not available.

Economic Research Service.

FOOTNOTES FOR TABLE 566

¹ Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 597.

² Preliminary.

Economic Research Service.

Table 563.—Labor: Indexes of farm production per hour, by farming regions, 1972-86

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appalachian	South-east	Delta States	South-ern Plains	Mountain	Pacific	United States
1972	75	67	74	87	86	87	73	69	84	84	78
1973	80	72	76	88	89	89	77	81	85	83	81
1974	85	70	70	77	90	95	77	71	90	90	79
1975	90	78	87	87	93	102	86	83	97	96	89
1976	99	77	93	85	101	108	91	90	104	108	94
1977	100	100	100	100	100	100	100	100	100	100	100
1978	113	106	111	108	111	116	109	96	114	104	106
1979	117	115	124	123	116	129	122	111	112	111	119
1980	120	120	117	107	110	110	99	99	123	119	113
1981	140	135	132	133	131	136	136	136	135	123	131
1982	142	142	132	139	136	149	137	120	134	123	133
1983	145	137	104	129	114	138	116	116	134	122	122
1984	162	156	129	145	144	157	149	130	139	125	138
1985	184	170	155	165	155	163	148	146	139	131	155
1986 ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Preliminary. n.a. not available.
Economic Research Service.

Table 564.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1972-86

[1977=100]

Year	Livestock and products					Crops									
	Farm output	All livestock and products	Meat animals	Milk cows	Poultry	All crops	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
1972	78	73	75	66	66	84	87	83	96	96	84	89	43	93	82
1973	81	76	78	70	70	87	88	89	100	96	91	85	51	91	84
1974	79	82	84	75	76	89	75	87	89	97	96	82	47	98	75
1975	89	85	87	81	81	89	90	94	101	93	97	97	57	97	86
1976	94	93	94	91	94	91	95	90	98	100	101	100	70	101	84
1977	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978	108	109	108	109	109	105	111	109	104	104	103	103	100	109	98
1979	119	117	117	122	119	118	125	116	115	109	104	103	122	99	110
1980	113	129	127	135	125	105	107	109	116	113	112	104	103	104	90
1981	131	136	136	150	135	121	132	122	129	119	108	111	145	117	110
1982	133	143	128	164	142	124	136	128	129	120	115	109	149	122	113
1983	122	154	149	187	152	105	96	122	131	119	115	106	141	106	96
1984	135	162	153	212	162	123	133	132	140	117	116	108	172	129	109
1985	155	175	163	244	173	136	149	135	142	123	119	109	194	137	133
1986 ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Preliminary. n.a. not available.
Economic Research Service.

Table 565.—Farm output: Index numbers by farming regions,¹ 1972-86

[1977 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1972	93	83	92	97	96	99	97	83	98	86	91
1973	95	85	90	100	97	101	92	95	98	89	93
1974	99	80	80	86	98	106	88	70	98	95	88
1975	100	84	95	92	102	108	89	88	104	100	95
1976	103	79	97	88	107	112	93	90	106	103	97
1977	100	100	100	100	100	100	100	100	100	100	100
1978	110	102	106	104	109	111	101	88	112	98	104
1979	109	105	115	116	106	120	111	103	106	109	111
1980	106	106	106	96	102	107	87	85	113	117	104
1981	119	112	115	121	123	127	112	112	127	123	118
1982	118	115	112	121	121	125	114	98	121	121	116
1983	110	97	80	101	91	109	89	86	114	113	96
1984	118	112	108	119	118	121	112	92	115	125	112
1985 *	127	119	119	130	116	119	108	102	115	124	119
1986 *	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	113

¹ For States included in regions, see footnote 1, table 618. ² Preliminary. n.a. not available.
Economic Research Service.

Table 566.—Cropland used for crops: Index numbers by farming regions,¹ 1972-86

[1977 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1972	93	82	85	95	85	83	85	78	96	96	88
1973	96	90	93	98	89	87	86	80	96	95	93
1974	98	93	96	98	92	91	87	91	98	100	96
1975	98	95	97	99	95	94	89	96	101	102	97
1976	99	97	98	98	96	95	96	94	100	103	98
1977	100	100	100	100	100	100	100	100	100	100	100
1978	99	97	97	96	101	99	100	93	100	101	97
1979	101	99	101	99	103	101	102	96	102	102	100
1980	102	101	102	99	104	101	102	98	103	104	101
1981	103	102	102	102	105	101	102	99	104	106	102
1982	103	101	101	102	105	100	100	96	102	103	101
1983	97	86	83	92	90	90	84	75	99	96	88
1984	100	100	99	101	101	98	95	85	105	100	99
1985	101	99	100	101	101	91	92	89	102	99	98
1986 *	97	94	95	99	94	79	84	83	103	95	94

See footnotes on page 392.

Table 567.—Crop production per acre of cropland used for crops: Index numbers by regions,¹ 1972-86

[1977 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1972	92	91	102	94	112	120	113	97	93	88	99
1973	102	90	95	97	110	122	109	107	96	94	99
1974	106	78	77	77	108	125	100	77	98	97	86
1975	103	83	97	87	111	121	99	84	97	97	96
1976	102	70	94	81	113	121	93	69	103	96	94
1977	100	100	100	100	100	100	100	100	100	100	100
1978	109	102	108	110	109	114	100	88	109	95	105
1979	109	105	116	119	102	120	112	109	107	107	113
1980	104	100	102	92	95	102	81	79	111	113	100
1981	112	106	114	116	118	130	110	106	117	112	115
1982	114	114	117	120	120	133	118	91	116	115	116
1983	104	101	88	102	88	116	98	97	110	114	100
1984	117	110	105	118	116	129	118	100	107	121	112
1985	120	114	124	129	111	134	114	106	108	119	119
1986 *	107	114	123	131	94	111	92	89	111	118	114

See footnotes on page 396.

Table 568.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1935-86¹

Crop and item	1935-39	1945-49	1955-59	1965-69	1975-79	1981-85	1982-86 ²
Corn for grain:							
Hours per acre.....	28.1	19.2	9.9	5.5	3.6	3.1	3.1
Yield-bushels.....	26.1	36.1	48.7	78.5	95.3	107.2	109.3
Hours per 100 bushels.....	108	53	20	7	4	3	3
Sorghum grain:							
Hours per acre.....	13.1	8.8	5.9	4.2	3.8	3.5	3.5
Yield-bushels.....	12.8	17.8	29.2	52.9	54.1	59.8	60.6
Hours per 100 bushels.....	102	49	20	8	7	6	6
Wheat:							
Hours per acre.....	8.8	5.7	3.8	2.9	2.8	2.6	2.5
Yield-bushels.....	13.2	16.9	22.3	27.5	31.3	36.9	37.1
Hours per 100 bushels.....	67	34	17	11	9	7	7
Hay:							
Hours per acre.....	11.3	8.4	6.0	3.8	3.4	3.0	3.0
Yield-ton.....	1.24	1.35	1.61	1.97	2.21	2.43	2.45
Hours per ton.....	9.1	6.2	3.7	1.9	1.6	1.3	1.2
Potatoes:							
Hours per acre.....	69.7	68.5	53.1	45.1	37.6	32.3	32.6
Yield-cwt.....	70.8	117.8	178.1	212.8	263.2	281.0	283.9
Hours per ton.....	20	12	6	4	3	2	2
Sugarbeets:							
Hours per acre.....	98	85	51	33	26	21	20
Yield-ton.....	11.6	13.6	17.4	17.5	20.0	20.7	20.4
Hours per ton.....	8.4	6.3	2.9	1.9	1.3	1.0	1.0
Cotton:							
Hours per acre.....	99	83	66	30	8	6	5
Yield-pounds.....	226	273	428	484	484	576	581
Hours per bale.....	209	146	74	30	8	5	5
Tobacco:							
Hours per acre ³	415	460	475	427	254	223	218
Yield-pounds.....	886	1,176	1,541	1,960	2,001	2,098	2,080
Hours per 100 pounds.....	47	39	31	22	13	11	10
Soybeans:							
Hours per acre.....	11.8	8.0	5.2	4.8	3.7	3.2	3.2
Yield-bushels.....	18.5	19.6	22.7	25.8	29.8	30.0	30.7
Hours per 100 bushels.....	64	41	23	19	12	11	10

¹ Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.

² Preliminary.

³ Per acre planted and harvested.

Economic Research Service.

Table 569.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1935-86

Kind of livestock and item	1935-39	1945-49	1955-59	1965-69	1975-79	1981-85	1982-86 ¹
Milk cows:							
Hours per cow.....	148	129	109	78	45	27	24
Milk per cow (pounds).....	4,401	4,992	6,307	8,820	11,094	12,513	12,794
Hours per cwt. of milk.....	3.4	2.6	1.7	.9	.4	.2	.2
Cattle other than milk cows:							
Hours per cwt. of beef produced ²	4.2	3.9	3.2	2.1	1.3	.9	.9
Hogs:							
Hours per cwt. produced ³	3.2	3.0	2.4	1.4	.5	.3	.3
Chickens (laying flocks and eggs):							
Hours per 100 layers.....	221	240	175	97	60	46	44
Rate of lay.....	129	161	200	219	236	245	246
Hours per 100 eggs produced.....	1.7	1.5	.9	.4	.3	.2	.2
Chickens (farms raised):							
Hours per 100 birds.....	30	29	23	14	12	10	10
Hours per cwt. produced ³	9.0	7.7	6.7	3.7	2.9	2.5	2.5
Chickens (broilers):							
Hours per 100 birds.....	25	16	4	2	.6	.4	.4
Hours per cwt. produced ³	8.5	5.1	1.3	.5	.2	.1	.1
Turkeys:							
Hours per cwt. produced ³	23.7	13.1	4.4	1.3	.5	.3	.2

¹ Preliminary.

² Production includes beef produced as a byproduct of the milk-cow enterprise.

³ Live-weight production.

Economic Research Service.

Table 570.—Industrial production and income: Index numbers of production in selected lines, United States 1972-86

Year	Industrial production ¹				
	Total	Manufacturing	Durable manufacturing	Nondurable manufacturing	Mining
	1977=100	1977=100	1977=100	1977=100	1977=100
1972.....	87.3	86.4	86.3	86.5	88.4
1973.....	94.4	94.0	96.3	90.8	99.2
1974.....	93.0	92.6	94.3	90.2	98.8
1975.....	84.8	83.4	82.6	84.5	96.6
1976.....	92.6	91.9	91.1	93.1	97.4
1977.....	100.0	100.0	100.0	100.0	100.0
1978.....	106.5	107.1	108.2	105.5	103.6
1979.....	110.7	111.6	113.9	108.2	106.4
1980.....	108.6	108.2	109.1	107.0	112.4
1981.....	111.0	110.5	111.1	109.7	117.5
1982.....	103.1	102.2	99.9	105.5	109.3
1983.....	109.2	110.2	107.7	113.7	102.9
1984.....	121.4	123.4	124.2	122.3	111.1
1985.....	123.9	126.4	127.6	124.6	108.9
1986 ²	125.1	129.1	128.4	130.1	100.4

¹ Data from Board of Governors of the Federal Reserve System.² Preliminary.

Economic Research Service.

FOOTNOTES FOR TABLE 567

¹ For States included in regions, see footnote 1, table 599.² Preliminary.

Economic Research Service.

Table 571.—Marketing bill for U.S. farm foods, farm value, and civilian consumer expenditures, 1972-86 ¹

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1972.....	82.4	39.8	122.2	1980.....	182.7	81.7	264.4
1973.....	87.1	51.7	138.8	1981.....	204.5	83.2	287.7
1974.....	98.2	56.4	154.6	1982.....	215.2	85.7	296.9
1975.....	111.4	55.6	167.0	1983.....	229.3	85.7	315.0
1976.....	125.0	68.3	183.3	1984.....	240.6	91.4	332.0
1977.....	132.7	58.2	190.9	1985.....	257.1	88.3	345.4
1978.....	147.4	69.5	216.9	1986 ²	272.1	89.0	361.1
1979.....	166.0	79.2	245.2				

¹ The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food brought by civilian consumers and not to that sold to the Armed Forces or exported.

² Preliminary.

Economic Research Service.

Table 572.—Marketing costs for farm food products, United States, 1972-86

Year	Labor ¹	Packaging materials	Intercity transportation rail and truck	Fuels and electricity	Corporate profits before taxes	Other ²	Total marketing bill ³
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1972.....	36.6	8.9	6.1	2.5	4.0	34.3	82.4
1973.....	39.7	9.4	6.4	2.8	5.4	33.4	87.1
1974.....	44.3	11.8	7.5	3.7	6.1	34.8	98.2
1975.....	48.3	13.3	8.4	4.6	7.1	39.7	111.4
1976.....	53.8	14.5	9.1	5.0	7.7	34.9	125.0
1977.....	58.3	15.1	9.7	6.0	8.0	35.6	132.7
1978.....	66.2	16.6	10.5	7.1	10.3	36.7	147.4
1979.....	75.2	18.6	11.8	8.2	10.4	41.9	166.1
1980.....	81.5	21.0	13.0	9.0	10.2	48.0	182.7
1981.....	91.0	22.6	14.3	10.0	10.0	56.6	204.5
1982.....	96.6	23.7	14.7	11.0	9.6	59.6	215.2
1983.....	102.4	24.7	15.4	11.7	9.8	65.3	229.3
1984.....	109.2	26.2	15.9	12.5	10.8	65.9	240.6
1985.....	116.5	26.9	16.5	13.2	11.1	72.9	257.1
1986 ⁴	123.7	28.1	16.8	13.6	12.0	77.9	272.1

¹ Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration.

² Includes depreciation, rent, advertising and promotion, interest, property taxes, and insurance, accounting and professional services, and many miscellaneous items.

³ The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits.

⁴ Preliminary.

Economic Research Service.

Table 573.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1972-86¹

Year	Market basket of farm food products				Bakery and cereal products			
	Retail cost ^a	Farm value ^b	Farm to retail spread ^c	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1972.....	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973.....	142.3	167.9	127.2	44	128.9	167.9	129.8	22
1974.....	161.9	181.5	150.4	42	167.3	243.1	151.6	24
1975.....	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976.....	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977.....	179.2	178.5	179.6	37	183.7	133.6	194.1	12
1978.....	199.4	206.6	195.1	38	199.9	154.5	209.3	13
1979.....	222.7	228.8	219.1	38	220.2	177.4	228.9	14
1980.....	238.8	240.4	237.9	37	246.4	206.6	254.7	14
1981.....	237.1	247.2	262.9	36	271.1	204.4	284.9	13
1982.....	266.4	247.8	277.4	34	283.4	175.8	305.1	11
1983.....	268.7	242.3	284.3	33	292.5	188.8	313.9	11
1984.....	279.3	255.4	298.3	34	305.3	192.0	328.7	11
1985.....	282.6	237.2	309.3	31	317.0	175.9	346.2	10
1986 ^a	288.7	234.1	320.8	30	325.8	142.3	363.7	7

	Meat products				Fruits and vegetables, fresh			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1972.....	129.3	133.2	124.7	56	128.8	126.4	129.8	81
1973.....	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974.....	162.9	162.1	163.9	54	160.6	170.3	156.1	33
1975.....	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976.....	178.5	170.1	188.4	51	171.2	168.0	172.6	31
1977.....	174.2	169.8	179.5	53	194.9	193.2	196.8	31
1978.....	206.8	206.4	207.3	54	222.4	219.1	223.9	31
1979.....	241.9	234.6	250.4	52	238.5	216.7	248.5	29
1980.....	248.8	234.0	266.1	51	255.3	213.8	274.4	26
1981.....	257.8	235.5	284.0	49	286.8	265.2	296.8	29
1982.....	270.3	251.3	292.4	50	304.1	273.3	318.3	28
1983.....	287.2	235.8	304.0	48	301.2	246.7	328.3	26
1984.....	268.1	241.5	299.1	49	337.8	304.0	353.4	28
1985.....	265.5	221.8	316.6	45	346.8	276.7	379.0	25
1986 ^a	273.9	229.1	326.2	45	356.8	264.1	399.5	23

	Dairy products				Fats and oils			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1972.....	116.4	118.9	114.2	48	114.8	110.0	116.7	27
1973.....	126.6	135.2	119.1	50	127.1	172.7	109.6	38
1974.....	150.7	159.3	143.2	49	192.5	324.6	141.6	47
1975.....	154.0	163.6	145.5	49	206.8	253.8	188.7	34
1976.....	168.5	185.9	153.2	52	176.7	206.4	165.2	33
1977.....	173.3	187.2	163.1	50	192.0	249.3	169.9	36
1978.....	185.5	202.1	171.0	51	209.6	257.4	191.1	34
1979.....	207.0	229.8	187.1	52	226.3	278.0	206.4	34
1980.....	227.4	251.1	206.6	52	241.2	205.3	237.7	29
1981.....	243.6	265.9	224.1	51	267.1	262.4	268.9	27
1982.....	247.0	261.9	233.9	50	259.9	207.8	279.9	22
1983.....	250.0	262.1	239.3	49	263.1	251.0	287.8	27
1984.....	253.2	258.8	248.3	48	288.0	324.8	273.8	31
1985.....	258.0	248.2	266.5	45	294.4	272.6	302.8	26
1986 ^a	258.4	241.5	273.3	44	287.8	199.1	321.0	19

See footnotes at end of table.

Table 573.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1972-86 ¹—Continued

Year	Retail cost ¹	Farm value ²	Farm to retail spread ³	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Poultry and eggs				Fruits and vegetables, processed			
	Index 1967=100	Index 1967=100	Index 1967=100	Percent	Index 1967=100	Index 1967=100	Index 1967=100	Percent
1972	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973	150.4	179.2	118.4	63	130.6	127.0	128.0	19
1974	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977	162.0	180.3	114.6	59	190.2	188.5	190.6	18
1978	167.6	192.7	139.5	61	208.7	283.6	192.1	25
1979	178.4	200.0	154.5	59	236.6	293.6	211.8	23
1980	183.3	200.9	163.7	58	242.5	310.7	227.4	23
1981	193.3	211.7	171.3	58	271.5	339.6	254.4	23
1982	189.2	197.1	180.4	55	286.0	321.1	278.2	20
1983	198.8	211.0	174.7	57	288.8	300.5	286.2	19
1984	215.1	242.1	185.1	59	306.1	343.5	297.8	20
1985	201.5	212.7	189.0	56	314.1	378.5	299.9	22
1986 ⁴	216.3	220.5	200.5	56	309.1	326.3	306.3	19

¹ The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974.² Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics.³ Gross return or payment to farmers for the farm products equivalent to foods in the market basket.⁴ The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products.⁵ Preliminary.

Economic Research Service.

Table 574.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1985 and 1986

Commodity and unit	Season average price ¹		Parity price ²				
	1985 ³	1986 ³	1985 ³		1986 ³		
			Based on data for—	Parity price	Based on data for—	Parity price	
	Dollars	Dollars		Dollars		Dollars	
Basic commodities:							
Cotton:							
American Upland.....	pound.....	0.568	0.515	July.....	1.24	July.....	1.24
Extra long staple.....	do.....	.918	.584	July.....	1.94	July.....	1.87
Wheat.....	bushel.....	3.08	2.42	June.....	7.07	June.....	6.72
Rice.....	cwt.....	6.33	3.80	June.....	19.60	June.....	19.20
Corn.....	bushel.....	2.23	1.45	Sept.....	5.07	Sept.....	4.94
Peanuts.....	pound.....	.244	.287	July.....	.455	July.....	.448
Tobacco:							
Flue-cured, types 11-14.....	do.....	1.719	1.527	June.....	2.89	June.....	2.88
Va., fire-cured, type 21.....	do.....	1.340	1.278	Nov.....	2.23	Nov.....	2.21
Ky-Tenn., fire-cured, types 22-23.....	do.....	1.492	1.445	Dec.....	2.77	Dec.....	2.76
Burley, type 31.....	do.....	1.594	1.565	Oct.....	2.97	Oct.....	2.97
Maryland, type 32 ⁴	do.....	1.290	1.189	Mar.....	2.45	Mar.....	2.50
Dark air-cured, types 35-36.....	do.....	1.263	1.200	Nov.....	2.38	Nov.....	2.34
Sun-cured, type 37.....	do.....	1.000	1.242	Oct.....	2.09	Oct.....	2.05
Pa., seedleaf, type 41.....	do.....	.710	.660	Dec.....	1.44	Dec.....	1.40
Cigar filler and binder, types 42-44, 54-55.....	pound.....	1.016	.953	Sept.....	1.94	Sept.....	1.95
Puerto Rican filler, type 46.....	do.....	.722	.722	Jan.....	1.77	Jan.....	1.79
Cigar binder, types 51-52.....	do.....	1.775	1.775	Oct.....	2.91	Oct.....	2.97
Designated nonbasic commodities:							
Milkfat, in cream.....	pound.....	(⁵)	(⁵)	Dec. ⁶	n.a.	Dec. ⁶	n.a.
All milk, sold to plants.....	cwt.....	12.75	12.50	Dec. ⁶	23.30	Dec. ⁶	23.30
Fluid market.....	cwt.....	12.90	12.62				
Manufacturing grade.....	cwt.....	11.72	11.46				
Honey, all.....	pound.....	.653	.518	Dec. ⁶	1.10	Dec. ⁶	1.09
Wool and mohair:							
Wool ⁷	pound.....	.633	.668	Dec. ⁶	2.33	Dec. ⁶	2.43
Mohair ⁸	do.....	3.45	2.51	Dec. ⁶	7.90	Dec. ⁶	7.82

See footnotes at end of table.

Table 574.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1985 and 1986—Continued

Commodity and unit	Season average price ¹		Parity price ²			
	1985 ³	1986 ³	1985 ³		1986 ³	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities:						
Field crops and miscellaneous:						
Barley..... bushel.....	1.96	1.61	June.....	4.76	June.....	4.45
Beans, dry edible..... cwt.....	17.60	19.00	July.....	39.80	July.....	38.16
Cottonseed..... ton.....	66.00	78.50	July.....	210.00	July.....	196.00
Crude pine gum..... barrel.....	(⁴)	(⁴)	Jan.....	157.00	Jan.....	156.00
Flaxseed..... bushel.....	5.05	3.43	June.....	12.40	June.....	11.60
Hay, all, baled..... ton.....	67.60	89.60	Jan.....	124.00	Jan.....	124.00
Hops..... pound.....	2.69	1.78	July.....	2.62	July.....	2.75
Oats..... bushel.....	1.23	1.21	June.....	3.03	June.....	2.85
Peas, dry field..... cwt.....	(⁴)	(⁴)	July.....	21.30	July.....	20.90
Peppermint oil..... pounds.....	10.20	10.60	July.....	22.10	July.....	20.80
Popcorn, shelled basis..... cwt.....	(⁴)	(⁴)	July.....	20.40	July.....	20.10
Potatoes..... cwt.....	3.92	4.94	Apr.....	9.24	Apr.....	9.54
Rye..... bushel.....	2.05	1.39	June.....	4.58	June.....	4.33
Sorghum grain..... cwt.....	3.45	2.39	Sept.....	8.57	Sept.....	8.39
Soybeans..... bushel.....	5.05	4.67	Aug.....	12.70	Aug.....	12.20
Spearmint oil..... pound.....	11.70	10.70	July.....	21.40	July.....	20.80
Sweetpotatoes..... cwt.....	8.81	10.30	June.....	24.70	June.....	24.50
Tobacco:						
Cigar wrapper, type 61..... pound.....	12.65	13.10	Dec.....	17.70	Dec.....	18.20
Cigar wrapper, type 62..... do.....	(⁴)	(⁴)	July.....	9.58	July.....	9.51
Fruits:						
Citrus (equiv. on-tree): ⁵						
Grapefruit..... box.....	4.21	n.a.	Aug.....	4.35	Aug.....	4.89
Lemons..... box.....	9.21	n.a.	Oct.....	5.79	Oct.....	5.79
Limes, Florida..... box.....	7.94	9.45	Mar.....	17.40	Mar.....	17.50
Oranges..... box.....	4.18	n.a.	Oct.....	8.48	Oct.....	8.53
Tangelos..... box.....	4.02	n.a.				
Tangerines..... box.....	10.45	n.a.	Oct.....	10.30	Oct.....	11.40
Templets..... box.....	2.92	n.a.				
Deciduous and other:						
Apples:						
For all sales..... pound.....	117	136				
For fresh consumption ¹⁰ do.....	173	192	June.....	274	June.....	289
For processing ¹¹ ton.....	108.00	117.00	July.....	206.00	July.....	206.00
Apricots:						
For all sales..... ton.....	265.00	401.00				
For fresh consumption ¹⁰ ton.....	482.00	945.00	May.....	1,250.00	May.....	1,390.00
Dried, California (dried basis) ¹¹ ton.....	1,530.00	1,840.00	June.....	4,120.00	June.....	3,750.00
For processing (except dried) ¹¹ ton.....	210.00	289.00	July.....	462.00	July.....	454.00
Avocados ¹² ton.....	936.00	563.00	Sept.....	1,280.00	Sept.....	1,250.00
Berries for processing (Washington and Oregon):						
Blackberries..... pound.....	(⁴)	(⁴)	July.....	698	July.....	687
Boysenberries/youngberries..... do.....	(⁴)	(⁴)	July.....	1.19	July.....	1.17
Gooseberries..... do.....	(⁴)	(⁴)	July.....	989	July.....	974
Loganberries..... do.....	(⁴)	(⁴)	July.....	420	July.....	413
Raspberries, black..... do.....	(⁴)	(⁴)	July.....	678	July.....	668
Raspberries, red..... do.....	(⁴)	(⁴)	July.....	950	July.....	935
Cherries:						
Sweet..... ton.....	799.00	825.00	Apr.....	1,140.00	Apr.....	1,160.00
Tart..... pound.....	224	229	May.....	612	May.....	606
Cranberries ¹⁰ barrel.....	54.50	n.a.	Aug.....	56.30	Aug.....	54.00
Dates, California ¹³ ton.....	866.00	811.00	Aug.....	1,070.00	Aug.....	1,400.00
Figs:						
For fresh consumption, and canned, California..... ton.....	n.a.	n.a.				
Dried, California (dried basis) ¹¹ ton.....	901.00	727.00				
Grapes:						
For all sales..... ton.....	171.00	234.00				
Raisin varieties dried, California (dried basis) ¹¹ ton.....	612.00	716.00	Aug.....	1,330.00	Aug.....	1,770.00
Grapes, excluding raisin varieties dried California (fresh basis)..... ton.....	185.00	240.00	May.....	390.00	May.....	387.00
Nectarines (California):						
For fresh consumption ¹² ton.....	330.00	445.00	May.....	495.00	May.....	494.00
For processing ¹¹ ton.....	41.50	35.00	July.....	189.00	July.....	134.00

See footnotes at end of table.

Table 574.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1985 and 1986—Continued

Commodity and unit	Season average price ¹		Parity price ²				
	1985 ³	1986 ³	1985 ³		1986 ³		
			Based on data for—	Parity price	Based on data for—	Parity price	
	Dollars	Dollars		Dollars		Dollars	
Other nonbasic commodities—Con.							
Fruits—Con.							
Deciduous and other—Con.							
Olives (California): ¹³							
For all sales.....	ton.....	552.00	559.00				
Crushed for oil.....	ton.....	16.00	10.00	July.....	102.00	July.....	87.00
For processing (except crushed).....	ton.....	587.00	590.00	July.....	891.00	July.....	899.00
For canning.....	ton.....	651.00	675.00	July.....	966.00	July.....	978.00
Peaches:							
For all sales.....	pound.....	.159	.146				
For fresh consumption ¹⁴	do.....	.269	.244	Apr.....	.268	Apr.....	.287
Dried, California (dried basis) ¹¹	ton.....	832.00	864.00	July.....	2,440.00	July.....	2,220.00
For processing (except dried):							
Clingstone ¹⁰	ton.....	190.00	168.00	June.....	310.00	June.....	313.00
Freestone ¹¹	ton.....	157.00	169.00	July.....	281.00	July.....	278.00
Pears:							
For all sales.....	ton.....	269.00	263.00				
For fresh consumption ¹⁰	ton.....	349.00	361.00	May.....	469.00	May.....	469.00
Dried, California (dried basis) ¹⁰	ton.....	884.00	672.00	Aug.....	1,580.00	Aug.....	1,760.00
For processing (except dried) ¹¹	ton.....	290.00	167.00	July.....	286.00	July.....	288.00
Plums (equiv. on-tree) (California):							
For all sales.....	ton.....	460.00	542.00				
For fresh consumption.....	ton.....	403.00	544.00				
For processing.....	ton.....	18.00	25.00				
Pomegranates, California.....	ton.....	318.00	400.00				
Prunes, dried (California) ¹¹	ton.....	680.00	792.00				
Prunes and plums (excl. California):							
For fresh consumption ¹⁴	ton.....	419.00	516.00				
For processing (except dried) ¹¹	ton.....	148.00	94.00				
Strawberries:							
For fresh consumption ¹⁵	pound.....	.526	.576	Jan.....	.596	Jan.....	.590
For processing ¹¹	do.....	.204	.133	July.....	.562	July.....	.484
Seed crops:							
Alfalfa.....	cwt.....	(⁵)	(⁵)	July.....	217.00	July.....	214.00
Bentgrass.....	cwt.....	(⁵)	(⁵)	July.....	213.00	July.....	209.00
Chewings fescue (Oregon).....	cwt.....	(⁵)	(⁵)	Jan.....	113.00	Jan.....	112.00
Crimson clover.....	cwt.....	(⁵)	(⁵)	Jan.....	94.80	Jan.....	94.60
Hairy vetch.....	cwt.....	(⁵)	(⁵)	Jan.....	65.60	Jan.....	65.10
Ladino clover.....	cwt.....	(⁵)	(⁵)	Jan.....	279.00	Jan.....	277.00
Lepodum.....	cwt.....	(⁵)	(⁵)	July.....	93.50	July.....	92.10
All Kentucky bluegrass.....	cwt.....	(⁵)	(⁵)				
Orchardgrass.....	cwt.....	(⁵)	(⁵)	Jan.....	80.80	Jan.....	80.30
Red clover.....	cwt.....	(⁵)	(⁵)	July.....	135.00	July.....	133.00
Red fescue.....	cwt.....	(⁵)	(⁵)	Jan.....	114.00	Jan.....	113.00
Tall fescue.....	cwt.....	(⁵)	(⁵)	Jan.....	41.40	Jan.....	41.10
Timothy.....	cwt.....	(⁵)	(⁵)	July.....	72.00	July.....	70.90
Sugar crops:							
Maple sirup.....	gallon.....	(⁵)	(⁵)				
Sugarbeets.....	ton.....	35.46		July.....	63.30	July.....	61.40
Sugarcane for sugar ¹⁶	ton.....	35.60		July.....	48.80	July.....	47.90
Tree nuts: ¹⁷							
Almonds.....	pound.....	.800	.192	July.....	2.03	July.....	1.95
Filberts.....	ton.....	680.00	726.00	July.....	1,490.00	July.....	1,440.00
Pecans, all.....	ton.....	1,360.00	1,440.00	July.....	2,440.00	July.....	2,460.00
Improved.....	ton.....	1,582.00	1,588.00				
Seedling.....	ton.....	894.00	1,146.00				
Walnuts.....	ton.....	798.00	1,080.00	July.....	1,650.00	July.....	1,640.00
Vegetables for fresh market: ¹⁸							
Artichokes, California ¹⁹	cwt.....	(⁵)	(⁵)	July.....	51.20	July.....	50.40
Asparagus.....	cwt.....	79.30	70.60	Jan.....	109.00	Jan.....	106.00
Broccoli.....	cwt.....	22.50	30.80	Jan.....	40.20	Jan.....	40.20
Cabbage.....	cwt.....	(⁵)	(⁵)	Jan.....	15.60	Jan.....	15.50
Cantaloup.....	cwt.....	(⁵)	(⁵)	Jan.....	24.00	Jan.....	23.90
Carrots ¹⁸	cwt.....	9.00	10.10	Dec.....	15.70	Dec.....	15.60
Cauliflower ¹⁸	cwt.....	25.40	25.50	Nov.....	42.00	Nov.....	41.90
Celery ¹⁸	cwt.....	10.30	12.00	Dec.....	20.00	Dec.....	19.70
Cucumbers.....	cwt.....	(⁵)	(⁵)	Jan.....	25.70	Jan.....	25.00

See footnotes at end of table.

Table 574.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1985 and 1986—Continued

Commodity and unit	Season average price ¹		Parity price ²			
	1985 ³	1986 ⁴	1985 ⁵		1986 ⁶	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Con.						
Vegetables for fresh market ¹⁰ —Con.						
Eggplant.....	cwt.....	(⁹)	Jan.....	27.20	Jan.....	27.00
Escarole.....	cwt.....	(⁹)	Jan.....	35.00	Jan.....	34.80
Garlic.....	cwt.....	(⁹)	Jan.....	33.10	Jan.....	32.80
Honeydew melons.....	cwt.....	(⁹)	Jan.....	40.60	Jan.....	40.40
Lettuce.....	cwt.....	12.20 12.70	Apr.....	24.10	Apr.....	23.30
Onions ¹¹	cwt.....	10.90 11.90	Nov.....	19.00	Nov.....	19.00
Snap beans.....	cwt.....	9.08 10.90	Feb.....	19.00	Feb.....	18.20
Spinach.....	cwt.....	(⁹)	Jan.....	50.90	Jan.....	50.60
Sweet corn.....	cwt.....	(⁹)	Jan.....	44.60	Jan.....	44.30
Tomatoes.....	cwt.....	12.70 13.90	Jan.....	20.50	Jan.....	20.90
Watermelons.....	cwt.....	24.10 25.10	Dec.....	42.30	Dec.....	41.80
Watermelons.....	cwt.....	(⁹)	Jan.....	9.55	Jan.....	9.48
Vegetables for processing: ¹¹						
Asparagus.....	ton.....	938.00 928.00	Jan.....	1,540.00	Jan.....	1,520.00
Beets.....	ton.....	(⁹)	Jan.....	87.90	Jan.....	87.30
Cabbage.....	ton.....	(⁹)	Jan.....	67.90	Jan.....	67.40
Cucumbers.....	ton.....	(⁹)	Jan.....	297.00		
Green peas.....	ton.....	240.00 226.00	Jan.....	428.00	Jan.....	418.00
Lima beans.....	ton.....	(⁹)	July.....	754.00	July.....	742.00
Snap beans.....	ton.....	169.00 160.00	Jan.....	316.00	Jan.....	303.00
Spinach.....	ton.....	(⁹)	Jan.....	164.00	Jan.....	163.00
Sweet corn.....	ton.....	63.40 58.90	July.....	116.00	July.....	116.00
Tomatoes.....	ton.....	66.30 63.90	Jan.....	196.00	Jan.....	127.00
Livestock and livestock products:						
All beef cattle.....	cwt.....	53.70 52.60	Dec.....	109.00	Dec.....	
Cows.....	cwt.....	36.50 35.50				
Steers and heifers.....	cwt.....	57.70 40.60				
Calves.....	cwt.....	62.10 61.10	Dec.....	113.00	Dec.....	
Beeswax.....	pound.....	(⁹)	July.....	3.27	July.....	3.22
Poultry:						
Chickens:						
Excluding broilers, live.....	do.....	148 125				
Broilers, live.....	do.....	301 245				
Eggs.....	dozen.....	571 616	Dec.....	1.17	Dec.....	1.13
Hogs.....	cwt.....	44.00 49.30	Dec.....	88.90	Dec.....	84.50
Lambs.....	cwt.....	67.70 69.00	Dec.....	113.00	Dec.....	114.00
Milk cows ¹²	head.....	860.00 820.00				
Milk, retail ¹³	quart.....	487 484				
Sheep.....	cwt.....	23.90 25.60	Dec.....	36.50	Dec.....	37.60
Turkeys, live.....	pound.....	491 471	Dec.....	.757	Dec.....	.753

¹ Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

² Preliminary.

³ Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

⁴ Crop is sold during year following production.

⁵ Estimates discontinued.

⁶ Previous year.

⁷ Average local market price for wool sold excluding incentive payment.

⁸ Average local market price for mohair sold excluding incentive payment.

⁹ Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1985 relate to the citrus crop designated as 1985-86 in the production reports.

¹⁰ Equivalent packinghouse-door returns for California, Oregon, Washington, and New York (starting 1985), and prices as sold for other States.

¹¹ Equivalent returns at processing plant-door.

¹² Equivalent returns at packinghouse-door.

¹³ Equivalent per unit returns for bulk fruit at first delivery point.

¹⁴ Average price as sold.

¹⁵ FOB Shipping point.

¹⁶ Continental United States only.

¹⁷ Prices are in shell basic except almonds which are shelled basis.

¹⁸ Includes some processing.

¹⁹ Simple average of States weighted by estimated Jan. 1 head for U.S. average.

²⁰ Sold by farmers directly to consumers.

n.a. not available.

National Agricultural Statistics Service.

Table 575.—Producer prices: Index numbers, by groups of commodities, United States, 1972-86

[1967=100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Industrial commodities
1972.....	125.0	121.8	181.3	118.6	104.2	109.3	144.3	123.5	111.4	117.9
1973.....	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	125.9
1974.....	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	153.8
1975.....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	171.5
1976.....	191.0	178.9	167.8	265.6	187.2	159.2	205.6	196.9	145.6	182.4
1977.....	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	195.1
1978.....	212.5	206.4	200.0	322.5	198.5	174.8	276.0	227.1	160.4	209.4
1979.....	241.4	226.4	233.4	406.1	222.3	194.3	300.4	259.3	171.3	236.5
1980.....	249.4	244.7	248.9	574.0	250.3	217.4	288.9	286.4	187.7	274.8
1981.....	254.9	251.8	260.9	694.5	257.5	232.6	292.5	300.4	198.5	304.1
1982.....	242.4	254.4	262.6	693.2	292.3	241.4	284.7	301.6	206.9	312.3
1983.....	248.2	257.5	271.1	664.7	293.0	243.2	307.1	307.2	214.0	315.7
1984.....	255.8	260.2	286.3	656.8	300.8	246.8	307.4	316.1	218.7	322.6
1985.....	230.5	264.5	286.1	633.6	303.2	245.9	308.6	314.9	221.6	323.8
1986 ¹	224.7	268.4	296.7	483.5	299.7	246.1	305.3	311.3	223.9	312.1

¹ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor.

Table 576.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1972-86

[1910-14=100]

Year	Food grains	Food grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ¹	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio ²
1972.....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	372	313	74
1973.....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	502	447	91
1974.....	529	423	433	821	625	319	303	403	509	543	504	553	510	214	454	481	86
1975.....	426	400	348	899	529	313	303	458	579	391	452	567	537	235	474	463	76
1976.....	355	379	504	906	551	294	291	456	579	375	443	569	591	233	485	464	71
1977.....	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978.....	336	320	466	1,061	608	509	522	522	695	379	456	757	647	243	595	524	70
1979.....	468	360	490	1,145	670	534	546	548	717	333	501	937	736	252	706	602	71
1980.....	452	417	583	1,219	664	458	462	562	722	469	539	878	798	254	691	614	65
1981.....	456	446	566	1,363	718	480	478	677	887	643	580	848	842	264	688	633	61
1982.....	401	378	469	1,489	575	647	673	629	790	455	524	876	831	252	696	609	56
1983.....	407	452	531	1,505	663	475	474	649	847	445	554	831	830	270	679	615	56
1984.....	394	459	554	1,484	708	746	794	670	873	570	599	854	823	308	701	650	57
1985.....	365	385	474	1,492	546	669	696	633	807	448	518	802	779	271	654	595	52
1986 ²	300	309	462	1,539	501	618	633	644	811	414	459	817	766	293	606	580	51

See footnotes on page 409.

Table 577.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1972-86

(1977=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ¹	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet-potatoes, and dry edible beans	All crops	Meat and milk	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio ²
1972	70	57	48	70	51	72	74	65	65	62	60	98	63	60	77	69	111
1973	138	90	54	74	93	84	84	76	79	106	91	118	74	101	104	96	138
1974	192	134	85	85	96	86	84	81	77	150	117	98	86	94	94	105	130
1975	155	127	68	98	81	85	84	92	88	108	105	100	90	103	98	101	113
1976	129	120	99	93	85	80	80	91	88	104	102	101	100	102	101	102	107
1977	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978	122	101	91	109	93	137	144	105	106	104	105	134	109	106	124	115	106
1979	147	114	96	118	103	144	151	110	109	92	116	166	124	111	147	132	107
1980	165	132	114	125	102	124	126	113	110	129	125	156	135	112	144	134	97
1981	166	141	111	140	110	130	132	136	135	177	134	150	142	116	143	139	92
1982	146	120	92	153	88	175	186	126	120	125	121	155	140	110	145	133	84
1983	148	143	104	155	102	128	131	130	129	123	128	147	140	118	141	135	84
1984	144	145	106	153	109	202	220	135	133	137	139	151	139	135	146	142	96
1985	133	122	93	153	84	181	192	127	122	124	120	142	131	119	136	128	79
1986 ³	109	98	91	133	77	167	175	129	123	114	106	145	129	128	138	123	77

¹ Fresh market for nectarines, and fresh market and processing for citrus.² Ratio of Index of Prices Received (1977=100) to Index of Prices Paid (1977=100).³ Preliminary.

National Agricultural Statistics Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73.

Table 578.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1972-86¹

(1977=100)

Year	Production indexes																
	Production (all commodities)	Food (livestock)	Seed	Fertilizer	Agricultural chemicals	Fuels and energy ²	Farm and motor supplies	Autos and trucks	Tractors and self- propelled machinery	Other machinery	Build- ing and fencing	Farm service and cash rent ³	Interest	Taxes	Wage rates ⁴	Production, interest, taxes, and wage rates ⁵	Commodities, interest, taxes, and wage rates ⁶
1972	61	57	94	52	52	65	54	69	58	54	53	57	53	47	75	63	60
1973	73	86	121	64	56	67	57	73	62	58	57	64	59	55	77	69	72
1974	83	104	93	82	92	76	79	89	69	68	65	79	72	65	81	79	81
1975	91	100	85	94	120	102	88	102	82	82	80	90	86	77	87	85	89
1976	97	108	97	92	102	111	93	100	91	91	92	94	92	88	94	93	95
1977	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978	108	98	140	105	100	94	105	104	106	109	108	108	107	117	100	107	109
1979	125	110	185	110	106	96	137	115	117	122	119	118	117	143	107	117	125
1980	138	123	177	118	134	102	185	134	123	136	132	128	144	178	114	125	139
1981	149	134	164	136	144	111	218	147	143	152	146	134	157	216	123	137	151
1982	153	122	164	141	144	119	210	152	159	165	160	135	169	249	124	144	159
1983	152	134	160	141	137	125	202	152	170	174	171	138	145	258	129	145	159
1984	155	135	154	151	143	128	201	147	182	181	180	138	152	257	132	151	162
1985	151	116	154	158	135	128	201	146	193	178	183	136	150	238	133	154	167
1986	145	108	158	148	124	127	162	144	198	174	184	136	150	213	134	160	151

¹ Index values for 1971 through 1973 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1985-April 1975 are available upon request. ² New index; values for years prior to 1971 are not available. ³ Simple average of seasonally adjusted quarterly indexes. ⁴ Family living component included.

National Agricultural Statistics Service.

Table 579.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1972-86¹

[1910-14=100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing ²	Auto and auto supplies	Medical and health care ³	Education, recreation, and other ⁴	Production (all commodities)	Food	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1972.....	394	395	512	393	428	455	401	351	226	575	321	138	284
1973.....	436	460	559	424	452	472	412	424	342	742	397	150	292
1974.....	484	531	637	496	530	513	438	481	414	570	512	246	329
1975.....	533	574	682	558	595	576	474	529	399	517	582	320	443
1976.....	563	589	739	592	639	631	495	559	408	594	574	272	481
1977.....	^a 576	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978.....	616	(*)	(*)	(*)	(*)	(*)	(*)	625	390	853	650	265	407
1979.....	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415
1980.....	776	(*)	(*)	(*)	(*)	(*)	(*)	798	491	1,084	736	357	443
1981.....	856	(*)	(*)	(*)	(*)	(*)	(*)	855	532	1,004	858	383	489
1982.....	914	(*)	(*)	(*)	(*)	(*)	(*)	886	484	1,002	877	384	518
1983.....	944	(*)	(*)	(*)	(*)	(*)	(*)	883	532	975	878	365	543
1984.....	1,067	(*)	(*)	(*)	(*)	(*)	(*)	900	539	941	939	381	556
1985.....		(*)	(*)	(*)	(*)	(*)	(*)	874	461	941	949	368	554
1986.....		(*)	(*)	(*)	(*)	(*)	(*)	839	430	934	918	329	549

Year	Production indexes—Continued							Interest	Taxes	Wage rates ⁵	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ⁶
	Fuels and energy	Farm and motor supplies	Auto and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent ⁷					
1972.....	191	305	673	651	590	530	357	799	1,206	1,205	447	425
1973.....	204	320	714	695	633	594	396	920	1,236	1,214	532	491
1974.....	281	392	793	816	725	733	482	1,103	1,305	1,506	605	558
1975.....	313	450	940	990	895	835	578	1,303	1,400	1,627	665	613
1976.....	331	439	1,043	1,102	1,025	871	621	1,481	1,518	1,781	709	653
1977.....	357	441	1,151	1,205	1,120	925	674	1,688	1,614	1,915	743	689
1978.....	376	458	1,218	1,315	1,211	1,001	730	1,981	1,612	2,053	806	745
1979.....	488	506	1,343	1,486	1,332	1,060	791	2,420	1,730	2,242	926	848
1980.....	672	592	1,417	1,640	1,483	1,185	970	2,933	1,859	2,421	1,032	950
1981.....	762	647	1,650	1,831	1,637	1,241	1,059	3,556	1,988	2,627	1,121	951
1982.....	750	671	1,834	1,982	1,789	1,254	1,141	4,085	1,998	2,760	1,176	1,097
1983.....	722	668	1,957	2,100	1,913	1,281	980	4,370	2,083	2,836	1,179	1,105
1984.....	718	649	2,097	2,179	2,010	1,275	1,025	4,358	2,122	2,872	1,200	1,132
1985.....	718	645	2,219	2,142	2,061	1,263	1,014	4,039	2,142	2,985	1,164	1,130
1986.....	578	638	2,273	2,095	2,064	1,259	1,014	3,616	2,192	3,049	1,118	1,097

¹ Index values for 1971 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1985 to April 1976 are available upon request.

² Based on Consumer Price Indexes of Bureau of Labor Statistics.

³ Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

⁴ Discontinued.

⁵ New index, values for years prior to 1971 are not available.

⁶ Simple average of seasonally adjusted quarterly indexes.

⁷ The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14=100 base.

National Agricultural Statistics Service.

Table 580.—Prices paid by farmers: Prices, by commodities, United States, 1982-86 ^{1 2}

Commodity and unit	1982	1983	1984	1985	1986
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better.....	324.00	362.00	361.00	347.00	350.00
Fir, Standard and better.....	355.00	393.00	388.00	376.00	382.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction.....	468.00	474.00	483.00	492.00	489.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better ³	597.00	615.00	633.00	646.00	653.00
Nails, 8d, common, per pound.....	.672	.660	.643	.647	.643
Roofing, galvanized steel, per 100 square feet.....	42.90	43.00	42.60	41.50	41.20
Shingles, fiberglass, per square.....	29.60	28.80	27.80	26.70	25.30
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet.....	4.72	5.00	5.12	5.21	5.40
Concrete blocks, per 100.....	85.10	87.50	90.20	92.50	94.70
Portland cement, per 94 pounds.....	5.63	5.88	6.06	6.19	6.25
Paint, house, exterior, latex per gallon ⁴	16.20	16.50	16.10	16.10	16.10
Barbed wire, 2-point, per 80-rod spool.....	37.00	36.20	35.50	34.70	34.70
Barbed wire, 4-point, per 80-rod spool.....	41.40	40.50	39.50	37.60	37.50
Posts, wood, farm line fence, each.....	3.66	3.68	.365	.354	.344
Posts, steel, each.....	3.00	2.96	2.79	2.73	2.60
Staples, fence, per pound.....	.745	.730	.704	.709	.707
Woven wire fencing, 32-inch, per 20-rod roll.....	81.10	80.60	77.30	75.40	74.30
Iron pipe, galvanized, 1½-inch, L.D., per foot.....	2.03	2.06	1.96	1.96	1.90
Plastic tubing, 1-inch, L.D., per foot.....	.250	.257	.254	.250	.246
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel.....	1.11	1.00	1.00	.967	.693
Gasoline, service station, unleaded regular.....	1.31	1.23	1.20	1.20	.930
Gasoline, bulk delivery, leaded regular.....	1.23	1.18	1.16	1.15	.894
L. P. gas, bulk delivery.....	.706	.770	.760	.726	.670
Electricity, per kilowatt hour.....	.0619	.0648	.683	.717	(¹⁸)
Motor supplies:					
Groase, 35 lb. pail.....	30.60	31.70	31.50	31.80	31.90
Motor oil, per gallon:					
All weather, high detergent.....	5.51	5.40	5.00	4.99	4.96
Heavy duty, detergent.....	5.06	4.29	4.68	4.68	4.68
Regular, nondetergent.....	4.56	4.50	4.27	4.29	4.31
Spark plugs, each.....	1.87	1.91	1.85	1.79	1.73
Storage batteries, CPR 220-310 amps, each.....	52.30	50.30	48.40	48.00	47.10
Tires:					
Auto tires, bias-belted const., E78-14, tubeless each ⁵	40.20	47.50	44.10	43.50	42.60
Auto tires, radial, steel-belted, P/195/75R14/ER78-14 tubeless, each ⁶	71.60	87.30	61.20	58.60	56.30
Truck tires, 10.00-20, load range F, each.....	183.00	178.00	187.00	200.00	206.00
Tractor tires, rear, 15.5-38, 6-ply, each.....	321.00	306.00	289.00	291.00	285.00
Tractor tires, rear, 18.4-34, 6-ply, each.....	417.00	392.00	376.00	406.00	406.00
New motor vehicles:					
Autos, 4-door sedans:					
Compact ⁷	8,237.00	8,533.00	8,540.00	8,870.00	9,240.00
Intermediate size ⁸	9,415.00	9,797.00	10,100.00	10,750.00	11,500.00
Standard ⁹	10,367.00	11,417.00	12,400.00	13,480.00	14,900.00
New trucks:					
2-ton, cab and chassis, each ¹⁰	17,700.00	18,150.00	18,330.00	19,170.00	18,900.00
¾-ton pickup ¹¹	9,342.00	9,815.00	10,350.00	11,150.00	11,700.00
Tractors:					
2-wheel, 30-39 P.T.O. or belt horsepower.....	10,900.00	11,200.00	11,400.00	11,360.00	10,800.00
2-wheel, 50-59 P.T.O. or belt horsepower.....	15,900.00	17,000.00	17,400.00	16,900.00	16,660.00
2-wheel, 110-129 P.T.O. or belt horsepower.....	37,300.00	39,700.00	41,900.00	40,100.00	38,700.00
4-wheel, 170-240 P.T.O. or belt horsepower.....	74,000.00	78,100.00	79,930.00	78,600.00	77,100.00

See footnotes at end of table.

Table 580.—Prices paid by farmers: Prices, by commodities, United States, 1982-86 ^{1 2}—
Continued

Commodity and unit	1982	1983	1984	1985	1986
	Dollars	Dollars	Dollars	Dollars	Dollars
Farm machinery:					
Plows, moldboard, 3-bottom, each	2,400.00	2,580.00	2,670.00	2,620.00	2,600.00
Plows, moldboard, 5-bottom, each	6,410.00	6,680.00	6,870.00	6,780.00	6,790.00
Plows, moldboard, 7-bottom, each	9,240.00	9,720.00	10,130.00	9,860.00	9,750.00
Disk harrows, tandem, 16-ft., each	7,370.00	7,750.00	7,090.00	7,970.00	7,800.00
Disk harrows, tandem, 19-ft., each	9,610.00	10,200.00	10,670.00	10,480.00	10,100.00
Cultivators, 4-row, tractor, each	2,370.00	2,450.00	2,480.00	2,500.00	2,520.00
Corn planters, 4-row, plain, each	6,040.00	6,590.00	6,900.00	7,020.00	7,040.00
Grain drills, tractor-drawn, 16-tube, plain, each	4,770.00	5,070.00	5,360.00	5,460.00	5,630.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each	4,840.00	4,950.00	5,210.00	5,560.00	5,520.00
Mowers, tractor, 7-ft., each	2,060.00	2,680.00	2,440.00	2,480.00	2,530.00
Pick-up balers, automatic tie, P.T.O., each ¹³	7,570.00	8,200.00	8,920.00	9,200.00	9,420.00
Combines, self-propelled:					
Medium capacity, each	58,300.00	60,700.00	62,300.00	62,550.00	62,000.00
Large capacity, each	80,500.00	84,500.00	86,400.00	86,650.00	85,100.00
Corn picker-huskers, 2-row, each	12,400.00	13,000.00	13,700.00	13,300.00	13,700.00
Farm wagons, without box and tires, each	945.00	973.00	1,030.00	1,060.00	1,050.00
Power sprayers, boom type, tr. mdl., each	1,770.00	1,880.00	1,940.00	1,990.00	2,080.00
Electric motors, 1/2-horsepower, each	71.50	74.50	75.70	76.90	79.00
Farm supplies:					
Hammers, nail, 16 oz. head, with handle, each	12.90	13.10	13.20	13.50	13.20
Pitchfork, 4-tine, each	18.40	19.50	20.10	21.00	20.90
Hoes, 6-inch blade, each ¹³	10.30	10.60	11.00	11.00	11.00
Metal pails, 12 quarts, each ¹⁴	5.23	5.27	5.08	5.01	5.30
Rope, polypropylene, 1/2-inch, per 100 feet ¹⁵	19.90	20.50	19.80	19.10	19.40
Baler twine, per 40-pound bale	25.60	24.10	21.60	19.00	18.90
New baskets, round stave, bushel, with cover, per dozen	18.10	18.60	19.30	20.20	(¹⁶)
Farm services:					
Telephone, per month	12.80	14.40	15.60	16.40	(¹⁶)
Fertilizer:					
Mixed fertilizer:					
0-20-20, per ton	171.00	169.00	173.00	160.00	153.00
3-9-3, per ton	171.00	168.00	177.00	173.00	168.00
4-8-12, per ton	166.00	165.00	173.00	167.00	167.00
4-12-24, per ton ¹⁷					
5-10-10, per ton	149.00	142.00	145.00	138.00	129.00
5-10-15, per ton	155.00	149.00	155.00	149.00	141.00
5-20-20, per ton	182.00	175.00	182.00	168.00	167.00
6-24-24, per ton	216.00	204.00	210.00	191.00	177.00
12-12-12, per ton	165.00	157.00	161.00	155.00	145.00
12-12-12, per ton	189.00	180.00	182.00	180.00	174.00
16-20-0, ammonium phosphate, per ton	227.00	220.00	216.00	219.00	213.00
16-46-0, per ton	259.00	247.00	261.00	239.00	219.00
Nitrate of soda, per ton	194.00	194.00	196.00	200.00	201.00
Sulphate of ammonia, per ton	162.00	148.00	151.00	153.00	150.00
Ammonium nitrate, per ton	193.00	185.00	196.00	189.00	172.00
Superphosphate, 20% P ₂ O ₅ , per ton ¹⁷					
Superphosphate, 44-46% P ₂ O ₅ , per ton	225.00	212.00	222.00	202.00	180.00
Muriate of potash, 60% K ₂ O, per ton	152.00	140.00	140.00	125.00	110.00
Agricultural limestone, spread on field, per ton	15.50	15.90	16.10	16.00	16.00
Livestock:					
Feeders and stockers:					
Cattle and calves, per 100 pounds	60.60	61.20	59.20	59.50	58.60
Pigs (40-60 lbs. av.), per 100 pounds	108.00	77.00	84.10	83.80	96.00
Broiler chicks, per 100	16.60	16.70	17.50	17.50	17.10
Egg-type chicks, per 100	49.00	50.40	50.70	50.80	52.00
Turkey poults, each	.907	.928	.946	.967	.951

See footnotes at end of table.

Table 580.—Prices paid by farmers: Prices, by commodities, United States, 1982-1986^{1 2}—
Continued

Commodity and unit	1982	1983	1984	1985	1986
	Dollars	Dollars	Dollars	Dollars	Dollars
Feed:					
Cottonseed meal, 41% protein, per 100 pounds.....	13.60	14.50	15.10	11.50	11.90
Soybean meal, 44% protein, per 100 pounds.....	13.50	14.30	13.30	10.30	11.40
Bran, per 100 pounds.....	9.89	9.96	10.30	9.50	9.19
Middlings, per 100 pounds.....	9.47	9.56	9.80	8.79	8.25
Cornmeal, per 100 pounds.....	7.42	8.16	8.59	7.29	6.57
Laying feed, per ton ^{1a}	190.00	204.00	206.00	182.00	174.00
Broiler grower, per ton ^{1a}	210.00	223.00	223.00	197.00	186.00
Chick starter, per ton ^{1a}	212.00	228.00	230.00	199.00	187.00
Dairy feed:					
14 percent protein, per ton.....	168.00	174.00	179.00	160.00	151.00
16 percent protein, per ton.....	177.00	188.00	191.00	168.00	160.00
18 percent protein, per ton.....	187.00	200.00	199.00	171.00	170.00
20 percent protein, per ton.....	188.00	203.00	202.00	172.00	173.00
32 percent protein, per ton.....	263.00	279.00	268.00	227.00	242.00
Stock salt, per 100 pounds.....	6.07	6.20	6.35	6.50	6.52
Seeds:					
Barley, per bushel.....	5.90	5.90	6.00	6.03	5.30
Corn, hybrid, per bushel.....	63.70	64.60	70.20	71.80	(1*)
Corn, hybrid, 50,000 kernels.....				67.20	65.60
Oats, per bushel.....	4.81	4.82	4.95	4.73	3.96
Potatoes, per 100 pounds.....	8.10	6.90	8.76	8.06	6.98
Rye, per bushel.....	6.78	6.62	6.90	6.80	(1*)
Soybeans, per bushel.....	10.70	10.10	13.40	11.90	11.10
Wheat, per bushel.....	7.20	7.07	6.94	6.78	6.25
Grain sorghum, hybrid, per 100 pounds.....	61.50	65.30	64.20	66.10	67.10
Alfalfa, uncertified, per 100 pounds.....	158.00	164.00	162.00	156.00	167.00
Alfalfa, certified, per 100 pounds.....	207.00	209.00	220.00	224.00	221.00
Red clover, per 100 pounds.....	124.00	151.00	147.00	128.00	131.00
Lespedeza, Korean, per 100 pounds.....	75.10	72.10	85.70	115.00	92.50
Sudangrass, per 100 pounds.....	45.10	45.00	42.40	43.50	44.40
Timothy, per 100 pounds.....	67.80	67.40	69.60	63.30	74.70

¹ Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.² Family living surveys for food, clothing, and household furnishings were discontinued in 1977.^a Pine added to description in 1980.^b Latex added to description in 1980.^c 1978-15 prior to 1981.^d 205-15, 1978-15 prior to 1980.^e Current coverage includes Chevrolet Cavalier, Ford Tempo, and Plymouth Reliant.^f Current coverage includes Chevrolet Celebrity, and Ford LTD. Chevrolet Celebrity and Ford Taurus (beginning Apr. 1986).^g Current coverage includes Chevrolet Caprice, Ford Crown Victoria, and Buick LeSabre Limited; Includes Chrysler E-Class (beginning Nov. 1983).^h Coverage includes Ford and Chevrolet.ⁱ Coverage includes Ford, Chevrolet, and Dodge.^j "Conventional size bales, under 200 lbs." added in 1976.^k Beginning Feb. 1985, changed to 6-inch blade.^l Prior to 1980, "Milk Pails."^m Prior to 1980, "manila rope, 1/4 in., per 100 ft."ⁿ Discontinued.^o Discontinued in 1981.^p Specifications call for "complete feed."

National Agricultural Statistics Service.

Table 581.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1972-86

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Chicken eggs	Broilers	Turkeys	Other poultry ¹	Other livestock and products ²	Total livestock and products ³
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1972.....	18,227	5,317	354	7,136	1,800	1,647	539	197	359	35,583
1973.....	22,336	7,529	390	8,999	2,947	2,789	936	268	617	45,772
1974.....	17,844	6,947	369	9,454	2,854	2,456	679	230	493	41,526
1975.....	17,520	7,916	386	9,923	2,814	2,953	794	250	534	43,089
1976.....	19,294	7,488	393	11,428	3,135	2,918	825	277	565	46,323
1977.....	20,225	7,281	386	11,752	2,919	3,103	910	280	778	47,635
1978.....	23,248	8,754	453	12,724	2,939	3,715	1,156	300	873	59,162
1979.....	35,025	9,058	470	14,642	3,329	4,026	1,216	352	1,117	69,296
1980.....	31,819	8,943	471	15,365	3,247	4,303	1,273	337	1,233	67,991
1981.....	29,538	9,794	415	18,095	3,643	4,646	1,248	407	1,358	69,151
1982.....	29,813	10,659	446	18,234	3,459	4,461	1,255	365	1,586	70,257
1983.....	28,582	9,785	426	16,763	3,449	4,573	1,260	368	1,801	69,437
1984.....	30,662	9,703	466	17,944	4,089	6,008	1,556	449	1,968	72,936
1985.....	29,057	9,029	503	18,063	3,253	5,680	1,819	439	1,937	69,780
1986 ⁴	28,951	9,702	494	17,834	3,515	6,780	1,902	431	1,934	71,573

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables ⁵	Other crops ⁶	Total crops ³
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1972.....	3,496	5,854	1,842	4,393	1,442	2,558	3,285	2,650	25,523
1973.....	7,134	10,505	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974.....	8,581	18,935	2,393	9,963	3,097	3,441	5,336	4,850	51,965
1975.....	8,195	12,183	2,311	7,450	2,155	3,563	5,346	4,579	45,813
1976.....	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,082
1977.....	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,908	48,600
1978.....	5,839	11,427	3,538	13,023	2,604	5,764	6,127	4,876	53,196
1979.....	9,047	14,040	4,330	14,300	2,271	5,482	6,480	3,363	62,293
1980.....	10,402	18,308	4,447	15,493	2,672	6,557	7,307	6,560	71,746
1981.....	11,619	17,770	4,655	18,553	3,250	6,603	8,772	6,543	72,465
1982.....	1,412	17,490	4,457	13,817	3,342	6,946	8,063	6,990	72,526
1983.....	9,713	15,535	3,705	13,546	2,765	6,064	8,462	7,352	67,143
1984.....	9,576	15,831	3,270	13,894	2,841	6,768	9,142	8,057	69,378
1985.....	9,080	22,479	3,730	12,595	2,722	6,836	8,558	8,413	74,413
1986 ⁴	5,948	17,249	2,930	10,507	1,918	6,900	8,705	8,865	63,612

¹ Ducks, geese, guinea, pigeons, quail, pheasants, and turkey hatching eggs.² Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.³ Totals may not add due to rounding.⁴ Preliminary.⁵ Includes melons.⁶ Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hen fiber and seeds, and flax fiber.

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FOOTNOTES FOR TABLE 576

¹ Fresh market for noncitrus, and fresh market and processing for citrus.² Ratio of Index of Prices Received to the Parity Index; (Index of prices paid by farmers for commodities and services, interest, taxes, and farm wage rates).³ Preliminary.

National Agricultural Statistics Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73. (See table 577 for data on 1977 = 100 basis.)

Table 582.—Agricultural commodity support prices

Commodity and unit	1972 ^a	1973 ^a	1974 ^a	1975 ^a	1976 ^a	1977 ^a
MANDATORY ^a						
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Basic commodities:						
Corn:						
Support level.....bushel.....	1.41	1.64	1.38	1.38	1.57	2.00
Loan rate.....do.....	1.05	1.05	1.10	1.10	1.50	2.00
Cotton:						
American upland: ^a						
Support level.....pound.....	.8585	.4152	.3800	.3800	.4320	.4780
Loan rate.....do.....	1.950	1.950	.2526	.3427	.3712	.4258
Extra-long staple:						
Support level.....do.....	.5135	.5421	.6058	.7410	.7475	.7670
Loan rate.....do.....	.3850	.3820	.4972	.6774	.7324	.7670
Peanuts:						
Loan rate.....do.....	1.425	1.642	1.830	1.972	.3070	.2153
Rice:						
Support level.....cwt.....					8.25	8.25
Loan rate.....cwt.....	5.27	6.07	7.54	8.52	6.19	6.19
Wheat:						
Support level.....bushel.....	3.02	3.39	2.05	2.05	2.29	* 2.90
Loan rate.....do.....	1.25	1.25	1.37	1.37	2.25	2.25
Tobacco:						
Flue-cured, types 11-14.....pound.....	.727	.766	.833	.932	1.000	1.138
Fire-cured, types 21-23.....do.....	.506	.535	.582	.652	.741	.795
Burley, type 51.....do.....	.749	.789	.858	.961	1.093	1.173
Dark air-cured, types 35-36.....do.....	.452	.476	.518	.580	.659	.707
Virginia sun-cured, type 37.....do.....	.452	.476	.518	.580	.659	.707
Cigar filler, Puerto Rican, type 46.....do.....	.389	.410	.446	.499	.507	.609
Cigar binder, types 51-52.....do.....	.519	.546	.594	.665	.756	.812
Ohio filler and Wisconsin binder types 42-44 and 53-55.....do.....	.375	.395	.429	.480	.546	.586
Nonbasic commodities:						
Milk for manufacturing.....cwt.....	4.98	5.29	6.57	7.24	8.13	9.60
Honey, extracted.....pound.....	.14	.161	.206	.255	.284	.327
Mohair.....do.....	.802	.802	.802	.802	.802	1.496
Tung nuts.....ton.....	74.74	74.75	80.60	79.95	80.00	
Wool.....pound.....	.72	.72	.72	.72	.72	.99
Barley: ^a						
Support level.....bushel.....	1.10	1.27	1.13	1.13	1.28	1.29
Loan rate.....do.....	.86	.86	.90	.90	1.22	1.63
Sorghum grain: ^a						
Support level.....cwt.....	2.39	2.61	2.34	2.34	2.96	2.89
Loan rate.....cwt.....	1.79	1.79	1.88	1.88	2.55	2.70
Oats: ^a						
Support level.....bushel.....						
Loan rate.....do.....	.54	.54	.54	.54	.72	1.03
Rye: ^a						
Loan rate.....do.....	.89	.89	.89	.89	1.20	1.70
NONMANDATORY						
Nonbasic commodities:						
Beans, dry edible.....cwt.....	6.40	6.40	6.40	(*)	(*)	(*)
Cottonseed ¹⁰.....ton.....	(*)	(*)	(*)	(*)	(*)	(*)
Flaxseed.....bushel.....	2.50	2.50	2.50	(*)	(*)	(*)
Soybeans.....do.....	2.25	2.25	2.25	(*)	2.50	3.50
Sugar, raw.....pound.....						1.350

¹ National averages during the marketing years for the individual crops, beginning in the years shown.

² Support level represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

³ Support level for 1974 through 1987 represents the statutory established price (the so-called target price) except for extra-long staple cotton which began in 1984.

⁴ Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

⁵ 1-inch middling through 1973, 1½¢ strict low middling 1974 and subsequent years.

per unit, United States, 1972-87 ¹

1978 ^a	1979 ^a	1980 ^a	1981 ^a	1982 ^a	1983 ^a	1984 ^a	1985 ^a	1986 ^a	1987 ^a
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2.10	2.20	2.25	2.40	2.70	2.85	3.03	3.03	3.03	3.03
2.00	2.00	2.25	2.40	2.55	2.65	2.55	2.55	1.92	1.82
.5300	.5770	.5840	.7087	.7100	.7600	.8100	.8100	.8100	.7940
.4800	.5023	.4800	.5246	.5708	.5500	.5500	.5730	.5500	.5225
.8320	.9295	.9350	.9900	.9989	.9625	.9900	1.0314	1.0248	.9770
.8320	.9295	.9350	.9900	.9989	.9625	.8250	.8595	.8540	.8140
*2.100	*2.100	*2.275	*2.275	*2.750	*2.750	*2.750	*2.795	*3.037	*3.037
8.57	9.05	9.49	10.68	10.85	11.40	11.90	11.90	11.90	11.66
6.40	6.79	7.12	8.01	8.14	8.14	8.00	8.00	7.20	6.84
3.40	3.40	3.63	3.81	4.05	4.30	4.38	4.38	4.38	4.38
2.85	2.50	3.00	3.20	3.55	3.65	3.30	3.30	2.40	2.28
1.210	1.293	1.415	1.587	1.699	1.699	1.699	1.699	1.438	1.435
.846	.903	.989	1.110	1.230	1.230	1.230	1.230	1.242	n.a.
1.247	1.333	1.459	1.636	1.751	1.751	1.751	1.488	1.488	1.488
.752	.804	.880	.987	1.057	1.057	1.057	1.047	1.058	n.a.
.752	.804	.880	.987	1.094	1.094	1.094	1.094	1.060	n.a.
.647	.692	.757	.849	.909	.909	.740	.740	.750	n.a.
.863	.923	1.010	1.133	1.212	1.212	(^b)	(^b)	(^b)	(^b)
.623	.667	.729	.818	.907	.907	.907	.907	.916	n.a.
9.87	11.49	12.36	13.10	13.10	13.10	12.60	12.10	11.60	11.35
.368	.439	.508	.574	.604	.622	.658	.653	.640	.630
1.647	1.943	2.903	3.718	3.980	4.63	5.17	4.43	4.93	4.95
1.08	1.15	1.23	1.35	1.37	1.53	1.65	1.65	1.78	1.81
2.25	2.40	2.55	2.60	2.60	2.60	2.60	2.60	2.60	2.60
1.63	1.71	1.83	1.95	2.08	2.16	2.08	2.08	1.56	1.49
4.07	4.11	4.46	4.55	4.64	4.86	5.14	5.14	5.14	5.14
3.39	3.57	3.82	4.07	4.32	4.50	4.32	4.32	3.25	3.11
1.03	1.08	1.16	1.24	* 1.50	1.60	1.60	1.60	1.60	1.60
1.70	1.79	1.91	2.04	1.31	1.36	1.31	1.31	.99	.94
				2.17	2.25	2.17	2.17	1.63	1.55
(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
4.50	4.50	4.50	5.02	5.02	5.02	5.02	5.02	4.77	n.a.
4.50	4.50	5.02	5.02	5.02	5.02	5.02	5.02	4.77	n.a.
.1473	.1300	(^b)	(^b)	.1700	.1750	.1775	.1800	.1800	.1800

^a For quota portion of crop.

^b Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

^c Grade No. 2 or better except for oats which is Grade No. 3. Oats target or price support level began in 1982.

^d No support program.

^e For ginners purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

n.a. not available.

Agricultural Stabilization and Conservation Service.

Table 583.—Farm income: Gross and net income

Year	Cash receipts			
	Farm market- ings ¹	Govern- ment pay- ments	Total	Ho- use- hold consump- tion
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1972	61,106	3,961	65,067	1
1973	86,886	2,607	89,493	1
1974	92,391	530	92,921	1
1975	88,902	807	89,709	1
1976	96,355	734	96,089	1
1977	96,235	1,819	96,054	1
1978	112,360	3,830	115,340	1
1979	131,529	1,375	132,904	1
1980	139,737	1,265	141,022	1
1981	141,616	1,933	143,549	1
1982	142,595	3,492	146,087	1
1983	136,580	9,296	145,876	1
1984	142,314	8,431	150,745	1
1985	144,193	7,705	151,898	1
1986 ²	135,185	11,814	146,999	1

¹ Excludes forest product sales starting with 1978 data.² Includes forest product sales starting with 1978 data.³ Preliminary.

Economic Research Service.

Net income from farming, United States, 1972-86

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FARM RESOURCES, INCOME, AND EXPENSES, 1967

Gross income						Production expenses	Net income of farm operators	
Nonmoney and other farm income					Total		Current dollars	1967 dollars
Home con- sumption	Imputed rent	Other farm income *	Change in inventory	Total				
Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
889	3,713	615	861	6,078	71,145	51,688	19,457	15,528
1,115	4,147	749	3,406	9,417	98,910	64,554	34,356	25,812
1,190	4,942	865	-1,611	5,326	98,247	70,980	27,267	18,461
1,128	5,355	998	3,299	10,680	100,590	75,043	25,547	15,848
1,182	6,115	1,079	-1,548	6,828	102,917	82,742	20,175	11,833
1,161	7,250	1,222	1,080	10,718	108,766	88,885	19,881	10,954
1,214	8,057	1,893	1,892	13,056	126,447	103,249	25,198	12,896
1,346	9,256	2,238	4,975	17,815	150,720	122,305	27,415	12,610
1,283	11,046	2,273	-6,900	8,251	149,273	123,139	16,135	6,538
1,214	12,597	2,475	6,488	22,774	166,322	139,444	26,879	9,867
1,146	13,121	4,533	-1,382	17,418	163,505	139,978	23,525	8,137
1,073	12,468	4,500	-10,851	7,190	153,066	140,374	12,690	4,252
1,063	12,517	4,382	6,184	23,946	174,691	142,660	32,022	10,293
990	10,980	4,987	-2,664	14,133	166,031	133,696	32,337	10,036
889	9,871	5,061	-3,289	12,542	160,541	122,052	37,490	11,416

FARM INCOME

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Table 584.—Farm income: Cash receipts from farming and value of home consumption, by States, 1986 (preliminary)

State	Cash receipts from farming				Value of home consumption ¹				Cash receipts from farming and value of home consumption
	Farm marketings			Government payment	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	1,430,905	577,883	2,008,688	79,773	2,068,461	9,850	5,646	15,496	2,103,957
AK.....	9,814	18,819	28,633	791	29,424	1,115	71	1,186	30,610
AZ.....	696,723	796,368	1,495,091	93,565	1,578,656	3,835	889	4,724	1,583,380
AR.....	2,017,494	1,004,604	3,022,098	313,717	3,335,815	7,337	5,542	12,943	3,348,758
CA.....	4,446,466	9,602,256	14,048,721	387,890	14,436,611	23,695	8,261	31,956	14,468,537
CO.....	2,218,354	890,319	3,108,673	294,632	3,403,305	7,491	2,792	10,292	3,413,597
CT.....	209,802	162,268	372,070	3,913	375,983	1,642	307	2,009	378,022
DE.....	401,596	118,112	519,708	6,971	526,679	1,448	366	1,814	528,493
FL.....	999,825	3,688,345	4,688,170	26,120	4,714,290	5,095	4,078	9,114	4,723,404
GA.....	1,882,233	1,323,750	3,205,992	116,107	3,322,099	6,051	5,228	11,279	3,333,378
HI.....	84,184	490,381	574,515	6,781	581,396	3,060	481	3,541	585,437
ID.....	893,540	1,041,910	1,925,450	223,229	2,148,679	13,537	2,572	15,871	2,164,550
IL.....	2,143,161	4,737,022	6,880,183	882,519	7,762,702	22,838	9,411	32,249	7,794,951
IN.....	1,852,286	2,257,675	4,109,973	411,275	4,521,248	19,162	8,470	27,632	4,548,880
IA.....	4,982,426	4,123,688	9,106,116	1,161,182	10,267,298	22,530	11,007	34,137	10,301,435
KS.....	3,447,051	1,977,907	5,424,958	870,768	6,295,726	16,252	7,529	23,781	6,319,507
KY.....	1,310,577	1,078,592	2,389,169	165,119	2,554,288	23,964	10,455	34,420	2,588,706
LA.....	502,788	868,900	1,371,688	83,848	1,455,531	7,364	3,712	11,076	1,466,607
ME.....	222,687	142,745	365,432	6,903	372,335	3,277	816	4,093	376,328
MD.....	814,290	371,363	1,185,653	32,201	1,217,854	4,847	1,982	6,729	1,224,583
MA.....	130,617	292,150	422,767	5,743	428,510	1,720	627	2,347	430,857
MI.....	1,235,965	1,428,538	2,664,503	220,910	2,885,413	16,466	6,588	23,054	2,908,367
MN.....	3,394,643	2,679,851	6,074,494	802,353	6,876,847	23,842	10,038	33,880	6,910,727
MS.....	1,043,928	740,619	1,784,547	192,553	1,977,100	10,543	5,019	15,562	1,992,662
MO.....	1,929,723	1,586,350	3,516,073	275,966	3,791,939	26,068	12,025	38,093	3,830,032
MT.....	720,210	493,015	1,213,225	366,075	1,579,300	10,820	2,468	13,288	1,592,588
NE.....	4,359,704	2,468,786	6,828,490	867,763	7,696,253	13,623	6,169	19,792	7,716,045
NV.....	159,532	72,233	231,765	3,452	235,217	2,954	261	3,115	238,332
NH.....	71,602	37,873	109,475	2,864	112,339	1,482	356	1,838	114,177
NJ.....	150,183	430,250	580,433	6,495	586,928	3,216	910	4,120	591,048
NM.....	708,458	301,545	1,010,003	62,428	1,072,431	7,838	1,443	9,281	1,081,712
NY.....	1,806,517	724,495	2,533,012	76,690	2,609,702	17,471	4,705	22,176	2,631,878
NC.....	2,174,221	1,607,548	3,781,769	90,279	3,872,048	22,921	7,947	30,868	3,902,916
ND.....	675,831	1,623,216	2,299,047	700,190	2,999,237	8,595	3,555	12,151	3,011,378
OH.....	1,566,358	2,043,326	3,609,684	268,972	3,878,656	20,868	9,306	30,174	3,908,830
OK.....	1,875,382	746,320	2,621,702	368,024	3,014,726	24,967	7,424	32,391	3,047,117
OR.....	649,449	1,134,585	1,784,034	127,647	1,911,681	19,334	3,817	23,053	1,934,734
PA.....	2,238,514	925,141	3,163,655	44,574	3,208,229	26,636	6,065	32,701	3,241,930
RI.....	12,183	62,779	74,962	468	75,430	485	78	563	75,993
SC.....	454,777	439,633	894,430	54,445	948,875	9,011	2,876	11,806	960,681
SD.....	1,524,502	938,096	2,462,598	382,555	2,845,153	11,831	3,960	15,700	2,861,153
TN.....	1,033,378	890,728	1,924,106	96,431	2,022,537	22,213	10,247	32,460	2,054,997
TX.....	5,515,635	2,928,307	8,443,942	978,384	9,422,326	33,091	19,240	52,361	9,475,587
UT.....	436,568	133,638	570,206	35,973	606,179	6,662	1,453	8,115	614,294
VT.....	361,398	36,390	397,788	12,349	410,117	4,493	732	5,225	415,343
VA.....	1,126,959	486,053	1,613,012	42,569	1,655,581	12,180	5,751	17,931	1,673,512
WA.....	980,796	1,812,205	2,793,003	296,720	3,091,723	27,131	3,973	31,104	3,122,827
WV.....	155,996	70,769	226,765	5,363	232,128	9,576	2,123	11,699	246,833
WI.....	4,164,460	892,361	5,056,821	266,424	5,323,245	39,572	8,679	48,251	5,371,496
WY.....	455,219	110,641	565,860	29,328	595,188	3,406	941	4,347	599,535
US.....	71,572,715	63,611,917	135,184,632	11,813,351	146,997,983	649,247	238,901	888,718	147,886,701

¹ Value of farm products consumed directly in farm households where produced.
Economic Research Service.

Table 585.—Expenses: Farm production expenses, United States, 1972-86

Year	Feed purchased	Live-stock and poultry purchased	Seed purchased	Fertilizer, lime, and pesticides	Petro-leum fuel and oil	Depreciation and other consumption of farm capital	Contract and hired labor	Taxes on farm property	Interest on farm mortgage debt	Net rent to non-owner land-lords	Miscellaneous	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1972...	8,397	6,668	1,115	4,088	1,688	7,909	4,528	2,815	2,067	3,021	9,393	51,688
1973...	13,224	8,065	1,617	4,917	1,877	8,946	5,154	2,886	2,886	4,780	10,702	64,554
1974...	14,513	5,131	1,941	7,566	2,690	10,540	6,075	3,096	2,833	4,102	12,493	70,960
1975...	12,907	4,954	2,138	8,443	3,318	12,354	6,586	3,193	3,317	4,024	13,809	75,043
1976...	14,370	5,884	2,366	8,576	3,966	13,778	7,510	3,491	3,785	3,465	15,551	82,742
1977...	13,967	7,072	2,484	8,467	4,356	15,493	7,953	3,660	4,329	3,412	17,691	88,885
1978...	16,096	10,150	2,638	9,276	4,609	16,963	8,279	3,603	5,060	3,963	22,672	103,249
1979...	19,314	13,012	2,904	10,505	5,635	19,345	9,361	3,871	6,190	6,182	27,066	123,305
1980...	20,971	10,670	3,220	13,690	7,879	21,474	9,293	4,381	7,544	6,075	29,092	133,139
1981...	20,855	8,999	3,428	13,610	8,570	23,573	8,831	4,246	9,142	6,184	31,906	139,444
1982...	18,592	9,684	3,172	12,300	7,888	24,287	10,075	4,036	10,481	6,059	33,405	139,978
1983...	21,725	8,814	2,993	11,221	7,508	23,873	9,725	4,469	10,815	5,060	34,179	140,375
1984...	19,852	9,496	3,448	12,196	7,143	23,105	9,729	4,059	10,733	8,640	34,266	142,669
1985...	18,015	8,906	3,350	12,075	6,584	20,891	9,792	4,231	9,878	8,124	31,758	133,696
1986 ¹	16,179	9,609	2,984	10,118	6,790	18,997	9,875	4,125	9,131	6,684	29,560	122,052

¹ Includes bulbs, plants, and trees. ² For farm business use only. ³ Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year. ⁴ Includes contract labor expenses and hired labor cash wages, perquisites, and Social Security taxes paid by employers. ⁵ Includes taxes levied against farm real estate and farm personal property. ⁶ Interest charges payable during the calendar year on outstanding farm-mortgage debt. ⁷ Different data sources were used for the three time periods: 1975 and previous years, 1979-1983, and 1984-1985. Estimates are not strictly comparable among the three periods. ⁸ For 1978 and later years, includes interest on nonreal estate debt; electricity; repairs and maintenance of farm buildings, motor vehicles, and other farm machinery; other land improvements; machine hire and custom work; marketing, storage and transportation of all crops, livestock, poultry and dairy products; other miscellaneous livestock purchases; livestock rental fees; health and breeding services and supplies, custom feeding and grazing; production fees; farm supplies; tools and shop equipment; net insurance; uninsured damages paid; motor vehicle registration and licensing fees; and other management expenses. Prior to 1978, includes interest on nonreal estate debt; electricity; repairs and maintenance of farm buildings, motor vehicles, and other farm machinery; other land improvements; machine hire and custom work; fruit and vegetable containers; cotton ginning; livestock marketing; milk hauling; binding materials; dairy supplies; net Federal Crop Insurance Corporation payments; greenhouse and nursery; grazing; harness and saddlery; small hand tools; telephones; veterinarian fees; dairy assessment fees; net insurance; motor vehicle registration and licensing fees; and other miscellaneous expenses. Estimates are not strictly comparable between the two periods. ⁹ Preliminary.

Economic Research Service.

Table 586.—Labor: Hours required for livestock and crop production, by enterprise groups, United States, 1972-86¹

Year	Livestock and livestock products				Crops									
	All ²	Meat animals ³	Milk cows	Poultry ⁴	All crops ⁵	Feed grains ⁶	Hay and forage ⁷	Food grains ⁸	Vegetables ⁹	Fruits and nuts ¹⁰	Sugar crops ¹¹	Cotton	To-bacco	Oil crops ¹²
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
1972...	2,108	905	720	328	2,621	876	311	166	346	435	75	239	241	202
1973...	1,964	850	661	300	2,667	888	316	178	351	477	69	188	245	234
1974...	1,850	812	612	274	2,657	869	298	212	357	470	66	183	261	211
1975...	1,701	731	568	251	2,630	877	287	222	355	472	77	105	286	219
1976...	1,613	688	530	240	2,556	876	285	226	339	448	73	111	271	197
1977...	1,522	653	491	229	2,530	872	271	207	342	469	65	106	245	224
1978...	1,422	606	446	222	2,449	859	263	185	337	452	64	80	229	240
1979...	1,348	574	406	220	2,432	845	254	196	336	472	60	80	200	261
1980...	1,286	548	381	211	2,442	838	243	215	315	495	60	81	218	247
1981...	1,212	509	355	203	2,442	841	236	233	317	484	62	79	227	233
1982...	1,143	477	328	194	2,389	835	230	221	330	460	57	59	208	229
1983...	1,082	456	301	181	2,185	759	222	184	306	449	57	40	174	212
1984...	1,008	432	237	175	2,266	725	219	191	342	457	57	55	172	213
1985...	955	408	234	171	2,170	704	213	183	340	429	58	61	146	196
1986 ¹³	911	384	217	167	2,074	694	206	163	325	429	61	45	123	188

¹ Does not include overhead labor hours. ² Includes wool and minor livestock which are excluded from separate enterprises shown. ³ Cattle and calves, sheep and lambs, and hogs. ⁴ Chickens, broilers, and turkeys. ⁵ Includes hay seeds, pasture seeds, cover-crop seeds, and minor crops which are excluded from separate crops shown. ⁶ Corn for grain, oats, barley, and sorghum grain. ⁷ All hay, corn silage, and sorghum forage and silage. ⁸ All wheat, rye, and rice. ⁹ Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops. ¹⁰ Fruits, berries, and tree nuts. ¹¹ Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products. ¹² Soybeans, peanuts, and flaxseed. ¹³ Preliminary.

Economic Research Service.

Table 587.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1972-78 ¹

Year	Number ²	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1972.....	2,513	3.6	4.0	4.6	13.9	18.1	17.8	21.0	16.8	5.3	8,849
1973.....	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	19.4	8.9	10,045
1974.....	2,392	7.2		4.0	9.0	11.2	15.4	20.5	22.0	10.7	10,612
1975.....	2,200	5.5		3.9	11.0	9.9	16.2	19.9	22.2	11.4	10,845
1976.....	2,184	6.7		2.9	8.6	9.8	14.1	19.5	23.5	14.9	11,663
1977.....	2,172	8.3		2.2	7.7	9.3	11.5	19.0	24.2	17.5	12,637
1978.....	2,051	5.4		2.1	8.0	7.6	10.5	18.2	28.3	22.0	15,284

Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1979-85 ¹

Year	Number ²	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1979.....	1,666	5.0	5.6	8.0	8.5	18.7	14.4	11.9	8.4	9.8	10.6	16,357
1980.....	1,631	7.3	4.4	9.8	9.1	17.4	13.0	12.4	8.8	9.0	8.8	17,670
1981.....	1,598	9.4	4.3	6.3	7.0	17.8	12.4	13.6	8.0	10.6	10.6	18,306
1982.....	1,617	7.5	3.7	5.9	7.8	14.0	14.1	13.5	9.1	13.8	10.6	19,908
1983.....	1,558	7.8	3.9	5.7	5.8	16.3	13.5	12.0	8.9	11.9	14.2	20,681
1984.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
1985.....	1,562	7.3	3.1	3.7	5.9	13.6	12.1	9.4	10.5	15.4	19.0	21,853

¹ The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

² The term "farm resident" is the same as that used in the 1960 and 1970 censuses.

³ The term "farm resident" is the same as that used in the 1980 census.

⁴ Data not available from the Bureau of the Census.

Economic Research Service. Estimates are from the annual issue of *Money Income and Poverty Status of Families and Persons in the United States*. Bureau of the Census.

Table 588.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1972-85 ¹

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertiliz- ers ²
	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P ₂ O ₅)	Potash (K ₂ O)	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P ₂ O ₅)	Potash (K ₂ O)	Quantity
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1972.....	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973.....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974.....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.20	2,130
1975.....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,578
1976.....	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977.....	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978.....	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979.....	23,742	10.84	20.09	12.84	49,342	21.72	11.36	12.66	2,139
1980.....	23,270	10.79	19.61	13.06	50,491	22.59	10.76	12.37	2,296
1981.....	23,525	10.99	20.13	12.75	51,761	23.04	10.50	12.21	2,227
1982.....	20,857	11.23	20.39	12.37	46,911	23.41	10.26	12.00	1,758
1983.....	18,352	11.52	19.96	12.30	40,203	22.70	10.29	12.02	1,610
1984.....	21,174	11.59	20.52	12.20	48,102	23.06	10.19	12.05	1,954
1985 ³	19,501	11.80	21.18	11.43	47,179	24.38	9.84	11.66	1,829

¹ Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

² Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

³ Last year of series. Fertilizer consumption statistics discontinued.

National Agricultural Statistics Service.

Table 589.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1976-85

Item	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Used in pesticide formulation:										
Talc, soapstone, and pyrophyllite.....	Tons 40,368	Tons 22,664	Tons 40,000	Tons 46,000	Tons 39,000	Tons 42,000	Tons 26,000	Tons 17,000	Tons 22,000	Tons 19,000
Fuller's earth.....	205,019	195,180	181,008	199,296	180,594	184,218	167,537	153,589	216,423	256,812
Kaolin.....	33,631	22,312	33,052	46,056	48,834	80,661	29,945	17,678	42,281	67,812
Bentonite.....	2,102	5,000	4,755	4,190	5,945	3,378	5,097	7,788	6,802	1,132
Other clays.....	15,551	15,450	15,686	732	898	10,763	(¹)	(¹)	9,320	5,144
Used in manufacture:										
Mercury.....	23	22	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Shipments to agriculture:										
Copper sulfate.....	13,479	16,497	12,096	13,403	15,593	22,704	14,707	18,566	21,896	16,226
Zinc sulfate (dry basis) ..	5,326	4,489	5,705	8,264	12,397	13,897	13,341	13,113	12,573	15,063

¹ Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 590.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1979–85

Item	1979	1980	1981	1982	1983	1984	1985
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
PRODUCTION							
Copper sulfate.....	77,178	68,365	78,564	71,948	82,673	76,851	72,179
2,4-D acid.....	12,708	13,589	12,916	(¹)	(¹)	(¹)	(¹)
Other organic pesticides.....	1,416,708	1,454,613	1,417,159	1,112,798	1,016,544	1,189,169	1,234,914
IMPORTS							
Pyrethrum flowers.....	328	342	399	419	244	163	497
Pyrethrum extract.....	371	383	151	431	283	326	356
Rotenone-bearing roots.....	1,276	1,323	1,199	686	1,122	1,106	619
EXPORTS							
Fungicides ²	76,697	96,375	79,422	88,258	81,380	102,960	101,696
2,4-D and 2,4,5-T, acid basis ²	11,979	7,538	6,314	12,736	16,252	15,677	14,960
Other herbicides.....	251,634	251,079	213,954	309,987	317,662	277,346	378,972
DDT.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Other polychlor insecticides.....	61,859	65,639	35,452	20,264	16,599	12,096	12,855
Organophosphorus insecticides.....	109,618	106,335	70,114	74,997	75,117	81,345	78,519
Other agricultural insecticides.....	119,136	88,159	87,869	82,702	77,021	95,067	87,728
Fumigants.....	18,907	17,991	14,368	13,550	15,354	15,812	22,244
Disinfectants, deodorants, and germicides.....	9,329	13,167	7,424	(¹)	(¹)	(¹)	(¹)
Household and industrial insecticides, repellents, and rodenticides.....	10,825	7,741	5,908	5,488	5,482	5,276	4,524

¹ Not available.² Includes copper sulfate and agricultural sulfur, which were previously listed separately.³ Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, and the U.S. Department of the Interior.

CHAPTER X

TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 591.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1972–86

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977 = 100</i>
1972.....	2,390.5	2.50	75
1973.....	2,450.1	2.56	77
1974.....	2,584.9	2.70	81
1975.....	2,634.8	2.90	87
1976.....	2,849.2	3.15	94
1977.....	3,016.4	3.34	100
1978.....	3,004.7	3.34	100
1979.....	3,215.0	3.58	107
1980.....	3,450.9	3.85	115
1981.....	3,695.5	4.12	123
1982.....	3,704.2	4.14	124
1983.....	3,834.8	4.32	129
1984.....	3,926.0	4.40	132
1985 ¹	3,962.0	4.44	133
1986 ²	4,004.9	4.49	134

¹ Revised.

² Preliminary.

Economic Research Service.

Table 592.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1984 and 1985 ¹

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
	1984	1985	Amount		Index		1984	1985
			1984	1985	1984	1985		
	Million dollars	Million dollars	Dollars	Dollars	1977=100	1977=100	Dollars	Dollars
AL	12.4	12.4	1.14	1.14	200	200	0.14	0.15
AK	.4	.4	4.58	4.67	88	88	.49	.49
AZ	26.8	26.8	2.61	2.61	112	112	.20	.48
AR	37.0	37.0	2.61	2.61	145	145	.28	.31
CA	215.3	204.5	7.98	7.58	65	62	.40	.42
CO	54.3	58.3	1.79	1.92	142	152	.37	.43
CT	9.4	9.9	23.66	24.84	131	138	.34	.13
DE	1.2	1.3	2.12	2.14	114	115	.11	.11
FL	83.6	85.3	6.83	6.97	132	135	.42	.46
GA	59.5	63.7	4.15	4.44	140	150	.46	.51
HI	8.9	8.7	4.25	4.16	176	176	.35	.35
ID	37.8	39.6	3.27	3.43	114	120	.35	.40
IL	377.2	369.8	13.14	12.88	120	118	.73	.96
IN	151.2	160.3	9.04	9.58	175	185	.57	.76
IA	299.2	271.7	8.49	8.57	106	107	.37	.81
KS	157.5	160.8	3.32	3.59	126	128	.57	.73
KY	29.5	30.0	2.12	2.16	103	105	.31	.24
LA	19.8	19.8	2.21	2.21	165	165	.16	.18
ME	11.2	11.2	7.50	7.50	166	166	1.00	.88
MD	21.8	22.4	8.34	8.59	127	131	.38	.41
MA	11.4	12.2	21.48	22.96	109	116	1.03	.97
MI	235.8	240.5	23.49	23.56	209	213	1.92	2.28
MN	171.6	144.3	6.15	5.17	165	139	.57	.63
MS	28.1	28.1	2.14	2.14	163	163	.22	.36
MO	77.9	77.9	2.64	2.64	98	98	.31	.40
MT	60.4	63.4	1.20	1.26	136	143	.42	.53
NE	269.9	272.6	6.07	6.13	187	189	.96	1.36
NV	3.0	3.0	.50	.50	64	64	.16	.24
NH	6.4	6.7	12.28	12.89	168	176	.99	.91
NJ	23.7	24.2	25.38	25.89	141	143	.78	.73
NM	6.4	6.4	.20	.20	77	77	.10	.12
NY	153.0	162.2	17.66	18.72	164	174	2.10	2.32
NC	49.6	51.6	4.75	4.94	167	174	.34	.40
ND	91.7	94.5	2.28	2.35	131	135	.50	.63
OH	131.3	129.9	8.68	8.59	119	118	.60	.76
OK	56.5	58.0	1.82	1.87	136	140	.26	.33
OR	61.6	62.7	3.74	3.81	123	125	.50	.62
PA	88.7	93.2	11.94	12.54	151	158	.73	.93
RI	2.6	2.8	42.56	45.33	176	188	1.45	1.36
SC	14.1	14.1	2.56	2.56	139	139	.28	.28
SD	105.6	108.7	2.76	2.84	142	146	.72	1.02
TN	46.4	46.4	3.73	3.73	152	152	.36	.38
TX	231.7	236.9	1.79	1.83	134	137	.30	.28
UT	15.0	15.4	2.04	2.10	129	133	.27	.31
VT	15.6	16.6	9.89	10.58	157	168	1.11	1.04
VA	41.5	41.5	4.57	4.57	152	152	.41	.42
WA	58.1	59.3	4.30	4.39	116	118	.39	.44
WV	3.4	3.4	.94	.94	129	129	.14	.17
WY	263.4	274.0	15.43	16.26	160	168	1.49	1.92
WY	18.0	18.0	.72	.72	138	138	.30	.33
US	3,926.0	3,962.0	4.40	4.44	132	133	.53	.62

¹ Totals may not add due to rounding.
Economic Research Service.

Table 593.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948-86

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drain- age)	Frost frosts, (other cold dam- age)	Flood	Cy- clone, tornado, do, wind, hot wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Almonds.....	1981-86	1.5	2.8	63.1	28.4	0.2	4.0			
Apple.....	1955-86	.7	14.3		78.6		2.2			2.1
Barley.....	1955-86	60.8	10.7	8.7	4.1	.6	3.4	11.1	0.6	.7
Bean, dry edible.....	1948-86	7.2	24.6	24.9	20.2	2.8	3.4	.8	11.9	4.3
Cherry, red tart.....	1953-86		7.7		88.9		3.2			.2
Citrus.....	1951-86	.3	.5	.1	96.8		1.3			1.0
Corn.....	1948-86	61.1	8.8	13.0	5.7	2.9	3.8	1.5	1.4	1.9
Cotton.....	1948-86	34.7	18.9	22.4	13.1	.9	3.5	3.0	.6	3.0
Cotton, ELS.....	1955-86									
Cranberries.....	1984-86		11.2	7.9	71.5			3.8	5.6	
Citrus trees.....	1953-86				100.0					
Flax.....	1948-86	41.4	8.6	24.2	6.6	.9	7.3	1.7	3.1	6.2
Forage production.....	1979-86	52.6	.1	.2	41.0			2.3	2.8	1.1
Forage seedling.....	1979-86	67.8	.4	9.8	10.1		.2	5.6		6.1
Fresh sweet corn.....	1986	3.5			96.5					
Fresh tomato.....	1984-86		2.2	4.6	91.2		.5			1.5
Grain sorghum.....	1959-86	51.4	5.0	13.5	14.6	1.9	4.3	6.3	.4	2.6
Grape.....	1967-86	15.0	5.7	29.5	43.9	1.3	2.3			2.2
Hybrid seed.....	1953-86	82.2	1.3	10.9	1.5	.5	1.4	1.7	.5	
Oat.....	1955-86	50.2	16.4	17.3	6.7	.3	4.0	2.3	1.0	1.7
Pea, dry and green.....	1952-86	34.3	8.6	20.9	21.3	.1	12.5	.2	.7	1.4
Peach.....	1957-86	.2	13.4		84.0		.1			2.3
Peach, canning.....	1955-86			100.0						
Peanut.....	1952-86	70.8	.3	16.5	2.8	.3	.4	.1	6.1	2.6
Peppers.....	1984-86	.1		4.9	94.7		.1			.2
Popcorn.....	1984-86	5.0	20.7	13.4	47.2	2.7	10.2	.6	.1	
Potato.....	1952-86	18.7	3.2	36.0	28.3	6.2	.7	.2	6.4	.4
Prevented planting.....	1952-86			96.6		3.4				
Prairie.....	1955-86	5.0	4.6	81.0	8.6	.8				
Raisin.....	1961-86			100.0						
Rice.....	1958-86	13.1	.4	31.2	5.7	5.1	10.1	.5	19.2	14.7
Rye.....	1980-86	41.5	21.9	21.0	9.0	3.5	.3	2.8		.1
Safflower.....	1964-86	52.9	41.3	2.3		2.7			.9	
Soybean.....	1955-86	63.9	4.4	24.8	1.8	2.2	.3	.2	1.2	1.2
Sugarbeet.....	1955-86	18.9	5.7	28.5	14.6	11.0	7.8	4.1	7.3	2.1
Sugarcane.....	1967-86	5.5	.1	15.4	65.7	.3	5.4	6.4	.9	.4
Sunflower.....	1976-86	22.0	13.1	10.6	26.3	.2	3.4	8.4	1.9	4.0
Sweet corn.....	1978-86	37.3	6.7	54.7	13.3	.6	4.8		2.6	
Table grapes.....	1984-86	47.2		37.5	5.7		9.5		.1	
Tobacco.....	1948-86	41.7	13.5	24.7	1.1	1.0	4.6	.2	8.1	5.1
Tomato.....	1963-86	41.1	1.0	39.9	12.7		2.0	.3	2.1	.8
Tung nut.....	1955-70				100.0					
Walnuts.....	1984-86	11.0		33.3	53.2		2.5			
Wheat.....	1948-86	54.0	13.6	8.7	9.6	1.1	4.1	4.3	3.1	1.4
All crops.....	1948-86	51.2	9.5	18.0	10.1	1.6	2.8	2.4	2.4	2.0

Federal Crop Insurance Corporation.

Table 594.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1983-86¹

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ²	Amount
	Number	Number	1,000 acres	1,000 dollars			1,000 acres	1,000 dollars
Almonds:								
1983.....	18	380	31	27,433	1,989	297	19	6,846
1984.....	18	909	56	46,485	3,435	3	(*)	20
1985.....	18	859	51	47,400	3,478	148	15	3,562
1986.....	18	280	14	10,266	689	228	12	3,458
Apple:								
1983.....	10	371	5	6,250	583	94	2	878
1984.....	24	398	7	8,400	781	112	2	998
1985.....	110	578	14	16,726	1,485	250	6	4,007
1986.....	131	396	11	13,462	1,299	206	7	3,153
Barley:								
1983.....	2,549	25,367	1,562	100,869	8,292	3,639	346	7,028
1984.....	2,620	31,999	2,196	144,309	11,512	9,356	743	24,041
1985.....	2,620	45,535	3,053	194,498	16,052	20,634	1,602	69,592
1986.....	2,620	46,272	3,471	177,085	14,069	10,904	993	23,507
Bean, dry edible:								
1983.....	78	3,333	132	18,967	1,537	650	30	2,061
1984.....	131	4,951	242	43,202	3,422	849	47	3,540
1985.....	214	5,896	311	49,440	3,874	1,317	93	7,328
1986.....	215	7,118	409	63,416	5,336	1,115	95	6,090
Citrus:								
1983.....	30	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1984.....	35	3,203	74	39,830	3,676	1,976	31	9,904
1985.....	35	2,361	57	30,442	2,704	1,549	37	7,556
1986.....	35	1,971	57	31,296	2,810	284	7	745
Citrus tree:								
1983.....	3	759	9	18,643	757	n.a.	n.a.	n.a.
1984.....	3	661	7	14,464	550	650	7	12,416
1985.....	3	1,009	9	5,609	256			
1986.....	3	1,543	15	14,506	668	1	1	58
Combined crop:⁴								
1983.....	5	1,882	156	10,589	406	151	12	251
1984.....	5	1,431	156	11,035	399	13	2	37
1985.....	5	1,297	144	9,590	348	69	7	207
1986.....	5	894	107	6,754	199	123	13	229
Corn:								
1983.....	2,832	115,046	4,140	703,222	39,811	45,900	1,561	199,164
1984.....	2,850	212,397	9,894	1,876,829	104,361	85,489	1,513	92,263
1985.....	2,850	197,291	12,184	2,277,265	113,828	18,201	1,086	62,323
1986.....	2,850	228,403	12,231	1,942,738	103,122	25,845	1,439	72,256
Cotton:								
1983.....	619	16,909	982	235,592	21,355	7,283	419	36,693
1984.....	690	24,508	2,120	334,410	35,708	9,539	787	58,551
1985.....	690	18,514	1,373	212,812	19,814	2,274	181	10,309
1986.....	691	23,686	1,757	217,076	23,176	9,040	1,070	46,847
Cotton ELS:								
1983.....	12	17	1	815	44	1		
1986.....	12	29	2	997	79			
Cranberries:								
1984.....	11	22		1,506	121	5		64
1985.....	11	66	1	6,323	185	7	(*)	35
1986.....	11	66	2	12,705	389	15		471
Flax:								
1983.....	87	2,118	72	2,710	963	537	18	321
1984.....	98	1,990	71	2,533	367	452	17	299
1985.....	118	2,481	93	3,797	460	578	23	530
1986.....	118	2,615	109	4,266	488	481	21	406
Forage production:								
1983.....	8	38	1	134	8	16	1	20
1984.....	20	40	1	147	9	5		13
1985.....	20	34	1	103	6	5	1	16
1986.....	20	4		5				
Forage seedling:								
1983.....	8	108	2	80	6	14	(*)	6
1984.....	8	99	2	78	6	23		11
1985.....	8	83	2	65	6	8	(*)	4
1986.....	8	44	1	29	3			
Fresh Sweet Corn:								
1983.....	1	72	7	2,210	111	14	1	289
1986.....	1	12		193	12			
Fresh Tomato:								
1984.....	4	116	6	14,307	908	91	4	5,525
1985.....	4	155	10	26,578	1,821	97	7	10,616
1986.....	13	329	22	52,730	3,679	59	5	5,001
Grain sorghum:								
1983.....	2,410	19,601	782	69,996	6,042	7,632	317	12,044
1984.....	2,471	36,588	1,914	172,022	15,224	15,225	884	37,858
1985.....	2,471	38,152	2,209	204,356	14,819	8,099	626	24,657
1986.....	2,471	44,531	2,360	177,611	14,229	8,451	750	19,716

See footnotes at end of table.

Table 594.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1983-86 ¹—Continued

Commodity and year	Coverage			Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ²		Number	Area indemnified ²	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 acres	1,000 dollars
Grape:							
1983	39	1,961	70	85,256	5,072	486	12,753
1984	47	1,369	58	41,988	2,785	255	3,012
1985	60	1,297	47	28,226	1,914	271	1,458
1986	60	268	14	9,056	744	73	456
Hybrid seed:							
1983	68	296	13	4,851	248	262	3,355
1984	68	1,160	63	24,072	1,290	415	4,056
1985	396	7,944	368	141,537	10,110	900	6,000
1986	398	6,029	243	93,381	6,515	692	3,638
Oat:							
1983	958	10,581	295	13,018	1,319	1,616	1,904
1984	2,532	10,102	299	13,234	1,358	1,512	1,621
1985	2,532	10,823	330	14,461	1,350	1,730	1,978
1986	2,532	7,029	217	8,234	747	1,528	1,063
Pea, dry green:							
1983	89	1,432	72	7,513	604	306	578
1984	100	1,287	63	7,298	594	205	544
1985	149	1,472	83	11,722	911	187	857
1986	150	1,459	81	11,161	873	231	606
Peach:							
1983	25	266	13	7,657	684	166	2,048
1984	25	101	23	12,571	1,178	54	686
1985	48	631	33	19,312	1,894	404	4,670
1986	72	381	17	5,845	593	221	1,883
Peaches, canning:							
1986	10	37	1	2,444	190	12	136
Peanut:							
1983	308	18,112	446	220,929	13,119	8,280	39,787
1984	246	20,642	604	284,194	17,074	2,956	14,121
1985	238	19,782	630	272,127	15,481	3,011	14,531
1986	271	20,765	677	321,550	16,734	5,784	43,125
Pepper:							
1984	4	52	2	3,785	394	15	544
1985	4	65	2	4,716	427	35	1,393
1986	10	150	7	14,027	1,325	39	1,853
Popcorn:							
1984	55	353	23	5,207	332	108	1,132
1985	113	446	33	6,303	351	65	740
1986	119	152	10	1,709	98	30	103
Potato:							
1983	49	310	25	12,127	644	126	1,748
1984	98	1,018	80	48,281	2,551	434	6,641
1985	167	1,278	107	67,174	3,519	343	8,704
1986	187	1,375	112	70,155	3,425	383	9,348
Prevented plant:							
1983	10	100	6	414	12	4	17
1984	10	32	2	151	5	2	2
1985	10	17	1	61	1	1	3
1986	10	93	29	984	30	(³)	2
Prunes:							
1986	13	50	4	4,791	308	39	1,890
Raisin:							
1983	7	4,722	275	197,847	19,324	882	22,322
1984	7	4,599	261	124,108	9,899	276	4,415
1985	7	4,369	234	118,801	9,829	104	798
1986	7	1,113	63	27,032	2,382	8	25
Rice:							
1983	146	2,463	162	54,507	1,674	973	6,821
1984	165	1,160	137	35,385	1,142	150	1,662
1985	165	1,294	142	35,990	1,105	301	2,957
1986	165	1,455	158	35,879	1,030	215	1,635
Rye:							
1983	36	123	6	227	27	10	10
1984	36	156	7	312	35	20	13
1985	36	101	4	165	18	29	17
1986	36	83	4	147	14	10	8
Soybean:							
1983	1,609	142,185	6,917	818,310	72,547	59,389	179,228
1984	1,726	175,535	9,636	1,224,214	99,891	67,517	187,717
1985	1,867	187,195	9,633	1,290,098	91,411	31,722	152,525
1986	1,868	180,295	10,418	1,131,562	81,300	25,726	94,353
Sugarbeet:							
1983	105	1,419	90	25,541	1,444	131	1,100
1984	123	1,427	96	32,464	1,645	162	1,116
1985	144	1,714	110	40,596	1,912	302	1,612
1986	145	1,003	67	24,528	1,097	252	1,626
Sugarcane:							
1983	23	363	49	28,204	1,344	131	6,540
1984	23	284	34	18,331	861	97	1,959
1985	23	228	26	13,561	838	3	10
1986	23	61	5	2,113	76		

See footnotes at end of table.

Table 594.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1983-86 ¹—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ⁴	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Sunflower:								
1983	108	11,061	640	43,594	3,534	2,093	128	3,827
1984	188	14,241	875	50,521	4,806	3,873	246	7,489
1985	165	13,669	805	62,909	4,982	6,026	359	18,315
1986	165	9,888	620	39,497	3,352	1,660	145	3,352
Sweet Corn:								
1983	53	337	12	1,482	101	66	2	140
1984	90	405	16	2,333	159	37	1	78
1985	144	498	25	4,991	310	71	3	261
1986	159	250	11	1,886	124	30	1	58
Table Grape:								
1984	10	196	8	15,587	1,171	113	8	4,079
1985	10	310	12	17,452	1,334	111	4	1,941
1986	10	69	3	3,900	300	16		153
Tobacco:								
1983	400	91,500	327	828,033	24,063	23,871	74	71,104
1984	489	93,691	348	832,230	24,583	4,077	19	12,106
1985	489	79,637	276	639,899	18,074	2,793	11	10,477
1986	489	62,912	217	463,334	13,736	6,784	41	22,658
Tomato:								
1983	21	490	33	31,632	1,789	114	9	2,528
1984	29	849	58	55,700	3,383	176	12	3,329
1985	47	779	58	55,574	3,300	95	9	2,897
1986	65	63	7	4,987	287	10	1	187
Walnut:								
1984	22	80	4	2,621	148	7	(⁵)	116
1985	29	55	3	1,792	100	3	(⁵)	6
1986	29	18	1	441	25	8		75
Wheat:								
1983	2,830	168,253	10,436	779,083	56,249	22,968	1,580	49,599
1984	2,843	184,526	12,815	992,964	73,039	48,101	3,390	116,748
1985	2,848	230,176	15,788	1,183,857	90,008	57,965	5,183	220,624
1986	2,849	183,075	15,680	1,006,284	60,870	38,801	4,014	100,408
Total, all commodities:								
1983	15,415	641,895	27,761	4,258,709	284,941	188,016	8,311	579,830
1984	17,879	832,886	42,255	6,546,324	438,729	190,231	12,544	618,710
1985	18,903	988,180	48,321	7,122,343	488,470	189,717	12,414	652,995
1986	19,064	836,186	49,434	6,099,964	375,621	139,296	11,210	470,571

¹ Data for 1986 are preliminary.² Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.³ The insured's share of the planted area on the farm.⁴ Includes a combination of commodities varying by counties.⁵ Less than 500 acres.⁶ Thousands of tons insured for raisins (not included in total of all commodities).

n.a. not available.

Federal Crop Insurance Corporation.

Table 595.—Farm real estate debt: Amount outstanding by farming regions, Dec. 31, 1971-86¹

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1971.....	1,627,427	3,170,832	7,276,833	3,499,969	2,247,611	2,082,594
1972.....	1,800,412	3,477,859	7,834,543	3,784,698	2,450,539	2,353,553
1973.....	2,093,509	3,866,904	8,763,859	4,141,753	2,826,299	2,832,637
1974.....	2,396,590	4,296,736	9,871,137	4,629,351	3,278,631	3,353,514
1975.....	2,613,737	4,756,373	11,072,973	5,211,693	3,719,058	3,794,626
1976.....	2,775,140	5,371,610	12,707,938	6,018,927	4,072,828	4,051,346
1977.....	3,057,685	6,296,226	15,091,060	7,057,813	4,574,042	4,550,580
1978.....	3,334,940	7,212,928	17,506,415	7,838,523	5,095,041	5,058,464
1979.....	4,053,863	8,798,547	21,080,868	9,379,287	6,179,965	5,926,360
1980.....	4,432,496	10,025,363	23,613,676	10,702,044	6,865,643	6,626,391
1981.....	4,780,250	11,307,245	25,042,725	11,874,174	7,502,969	7,404,541
1982.....	4,930,421	11,874,087	26,853,287	12,477,335	7,755,025	7,633,723
1983.....	5,007,968	12,324,262	27,198,981	12,698,536	7,845,162	7,737,726
1984.....	4,892,294	12,245,228	26,751,866	12,594,471	7,813,899	7,643,715
1985.....	4,607,271	11,628,311	24,833,460	11,838,550	7,379,617	7,280,959
1986 ²	4,106,525	10,753,416	22,965,030	10,947,896	6,824,386	6,733,151

Year	Delta States	Southern Plains	Mountain	Pacific	United States ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1971.....	1,974,648	3,249,009	3,199,248	3,831,771	32,191,666
1972.....	2,163,881	3,579,909	3,489,535	4,107,477	35,094,754
1973.....	2,401,267	4,024,878	3,847,123	4,643,085	39,527,870
1974.....	2,651,293	4,517,728	4,326,910	5,383,396	44,705,286
1975.....	2,842,515	4,921,579	4,865,196	5,894,749	44,682,499
1976.....	3,090,003	5,238,945	5,428,502	6,513,142	55,268,881
1977.....	3,489,099	5,736,996	6,186,268	7,417,842	63,457,611
1978.....	3,890,578	6,337,177	6,885,248	8,450,588	71,609,902
1979.....	4,700,808	7,278,504	8,172,400	10,078,204	85,598,826
1980.....	5,225,446	7,878,661	9,062,675	11,311,767	95,764,072
1981.....	5,818,034	8,440,268	9,841,451	12,788,826	105,800,513
1982.....	6,099,985	8,793,806	10,113,814	13,494,854	110,026,317
1983.....	6,162,671	9,171,952	10,340,368	14,133,948	112,621,564
1984.....	6,033,838	9,397,926	10,196,139	14,115,656	111,897,034
1985.....	5,701,071	9,105,624	9,679,893	13,115,051	105,410,951
1986 ²	5,272,132	8,420,532	8,951,592	12,128,296	97,480,000

¹ Includes operator households. States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. ² Preliminary. ³ Includes Alaska and Hawaii.

Economic Research Service.

Table 596.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1971-86

Year	Federal land banks ¹	Farmers Home Administration ²	Life insurance companies ³	All operating banks ⁴	Individuals and others ⁵	Total farm mortgage debt
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1971.....	7,879,753	2,618,131	5,564,300	4,218,482	11,911,000	32,191,666
1972.....	9,050,067	2,835,292	5,643,300	4,782,185	12,744,000	35,094,754
1973.....	10,901,352	3,013,449	5,964,800	5,459,275	14,190,000	39,527,870
1974.....	13,469,250	3,214,657	6,297,400	5,966,282	15,757,000	44,705,286
1975.....	16,029,465	3,368,747	6,726,000	6,296,286	17,262,000	49,682,502
1976.....	18,565,304	3,657,467	7,400,200	6,781,410	18,864,000	55,268,382
1977.....	21,540,893	3,982,054	8,819,400	7,780,261	21,335,000	63,457,611
1978.....	24,816,123	4,121,038	10,478,200	8,556,539	23,638,000	71,609,902
1979.....	29,819,632	7,110,613	12,165,300	8,623,281	27,880,000	85,598,826
1980.....	36,196,104	7,714,928	12,927,900	8,745,242	30,180,000	95,764,072
1981.....	43,325,201	8,744,181	13,073,900	9,387,232	31,770,000	105,800,513
1982.....	42,699,373	9,084,694	12,801,546	8,440,700	32,000,000	110,026,317
1983.....	48,811,040	9,452,124	12,717,600	9,320,800	32,320,000	112,621,564
1984.....	49,102,581	10,013,411	12,443,200	10,177,047	29,900,000	111,637,035
1985.....	44,596,302	10,423,629	11,806,100	11,384,920	27,200,000	105,410,951
1986 ²	39,286,371	10,348,597	10,998,297	12,706,501	24,000,000	97,339,766

See footnotes on page 425.

Table 597.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1970, 1980, 1983, 1984, 1985, and 1986¹

State	1970	1980	1983	1984	1985	1986 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	416,096	1,231,734	1,402,375	1,362,247	1,226,759	1,134,460
AK.....	2,619	27,503	28,769	28,255	26,547	24,549
AZ.....	301,797	655,388	752,064	736,109	721,466	667,184
AR.....	742,190	1,925,342	2,168,583	2,160,238	2,064,989	1,909,623
CA.....	2,451,890	7,240,538	9,281,502	9,280,346	8,758,532	8,099,555
CO.....	681,033	2,212,429	2,542,873	2,512,096	2,359,747	2,182,203
CT.....	41,255	115,518	134,289	133,555	124,512	183,489
DE.....	42,056	141,740	165,815	165,706	156,154	144,453
FL.....	646,449	2,334,060	2,853,302	2,842,628	2,830,408	2,617,453
GA.....	626,719	2,244,916	2,495,685	2,452,291	2,309,837	2,136,048
HI.....	23,026	126,501	189,814	200,489	214,596	196,450
ID.....	617,940	1,770,035	2,007,782	1,986,682	1,891,968	1,749,629
IL.....	1,539,261	5,601,745	6,431,669	6,373,748	6,065,144	5,608,813
IN.....	1,116,684	4,171,317	4,721,455	4,609,990	4,177,321	3,853,026
IA.....	2,252,722	7,587,548	8,963,577	8,765,068	8,104,033	7,494,299
KS.....	1,061,298	3,243,830	3,836,912	3,805,438	3,604,679	3,333,468
KY.....	623,596	2,106,854	2,352,495	2,334,025	2,224,867	2,057,472
LA.....	478,570	1,552,856	1,892,419	1,840,138	1,650,321	1,526,153
ME.....	63,336	159,041	175,707	170,172	166,640	154,102
MD ³	239,958	649,146	739,247	726,297	680,129	628,957
MA.....	41,204	99,584	119,125	132,843	122,510	62,646
MI.....	696,229	2,064,340	2,509,250	2,506,517	2,268,197	2,130,017
MN.....	1,362,769	4,771,416	5,866,112	5,804,423	5,476,411	5,064,375
MS.....	650,771	1,747,248	2,101,669	2,083,452	1,985,761	1,836,356
MO.....	1,070,740	3,488,945	3,959,230	3,931,920	3,709,542	3,430,442
MT.....	669,936	2,239,255	2,571,164	2,528,730	2,426,271	2,243,722
NE.....	1,135,408	3,606,493	4,324,917	4,285,891	3,959,239	3,601,353
NV.....	85,437	280,677	316,040	315,085	292,537	277,527
NH.....	19,072	58,587	61,893	68,089	60,635	30,964
NJ.....	120,464	323,599	335,899	331,476	307,965	284,794
NM.....	287,395	714,995	804,832	789,233	744,373	688,367
NY.....	430,064	1,199,718	1,354,706	1,264,405	1,187,335	1,098,002
NC.....	471,430	1,829,191	2,239,735	2,237,945	2,124,909	1,965,034
ND.....	544,727	2,026,678	2,410,270	2,408,967	2,330,683	2,155,326
OH.....	883,508	2,764,121	3,123,050	3,071,140	2,777,419	2,568,450
OK.....	804,217	2,386,314	2,811,758	2,805,123	2,638,466	2,439,952
OR.....	552,347	1,979,704	2,316,667	2,261,875	2,128,630	1,968,475
PA.....	427,025	1,493,300	1,681,626	1,665,924	1,566,171	1,448,335
RI.....	3,661	12,233	15,941	16,127	15,030	8,340
SC.....	223,272	815,591	986,364	966,549	913,955	845,190
SD.....	589,425	1,825,043	2,126,437	2,094,175	1,943,949	1,797,689
TN.....	569,058	1,549,602	1,696,106	1,682,520	1,543,837	1,427,681
TX.....	2,326,875	5,492,347	6,360,194	6,492,806	6,467,158	5,980,580
UT.....	143,338	549,867	661,537	661,678	628,497	581,210
VT.....	81,944	199,570	223,720	217,700	219,190	216,573
VA.....	363,832	1,142,386	1,297,701	1,305,191	1,241,715	1,148,290
WA.....	618,613	1,937,521	2,367,196	2,364,691	2,227,889	2,060,266
WV.....	74,706	297,810	257,125	254,218	244,289	225,969
WI.....	896,770	3,189,607	3,948,960	3,932,258	3,783,704	3,499,024
WY.....	241,126	640,029	684,046	668,536	615,033	568,759
US.....	30,346,083	95,764,071	112,621,564	111,637,035	105,410,951	97,480,000

¹ Includes operator households.² Preliminary.³ Includes District of Columbia.

Economic Research Service.

FOOTNOTES FOR TABLE 596

¹ Includes operator households. Includes regular mortgages, purchase-money mortgages, and sales contracts.² Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, and for Indian tribe land acquisition.³ Compiled by American Council of Life Insurance.⁴ Includes all operating commercial, savings, and private banks.⁵ Estimated by ERS.⁶ Preliminary.

Economic Research Service.

Table 598.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1985 and 1986¹

State	Federal land banks ²		Life insurance companies ³		Farmers Home Administration ⁴		All banks		Individuals and others ⁵	
	1985	1986	1985	1986 ⁴	1985	1986	1985	1986	1985	1986 ⁴
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	636,656	560,846	95,500	98,964	151,006	144,180	154,998	172,978	188,604	166,415
AK.....	11,457	10,093	8,500	8,354	669	608	3,533	3,999	7,288	6,431
AZ.....	157,116	138,407	212,900	197,491	77,271	72,395	57,680	64,373	217,400	191,824
AR.....	755,883	665,876	336,606	332,194	346,777	342,695	286,278	219,497	319,451	281,869
CA.....	3,825,283	3,369,788	1,894,409	1,764,748	234,333	240,372	654,898	730,885	2,149,623	1,896,726
CO.....	1,165,358	1,026,593	349,200	325,300	140,081	140,661	106,637	119,011	596,471	528,063
CT.....	62,955	55,459	1,900	1,770	21,952	19,975	10,980	12,254	26,724	23,580
DE.....	79,658	70,173	1,100	1,024	21,419	20,189	17,532	19,566	36,445	32,157
FL.....	1,256,368	1,106,767	590,700	560,273	132,483	129,177	316,145	352,530	534,712	471,806
GA.....	1,294,783	1,140,607	205,800	189,832	243,221	224,252	299,267	323,993	268,766	237,146
HI.....	109,873	96,790	33,800	31,476	26,243	25,731	29,038	32,410	15,642	13,802
ID.....	783,951	690,602	249,900	232,797	298,636	297,968	26,964	30,093	532,517	469,866
IL.....	2,730,873	2,405,694	718,900	669,699	381,713	385,701	814,920	909,481	1,418,738	1,251,826
IN.....	1,485,561	1,308,668	449,300	418,550	346,927	345,005	623,459	685,904	1,272,074	1,122,418
IA.....	2,759,449	2,430,968	900,500	838,870	507,152	509,643	712,869	795,589	3,224,064	2,944,762
KS.....	1,394,118	1,703,813	340,800	317,476	315,488	316,288	331,403	369,558	682,870	602,532
KY.....	714,847	629,727	164,700	155,428	346,681	344,978	535,683	587,798	471,806	416,299
LA.....	899,361	792,270	308,200	189,283	176,684	181,187	213,581	238,065	157,745	139,187
ME.....	45,190	39,809	900	745	88,029	82,840	5,214	5,819	27,407	24,183
MD ⁷	332,133	292,584	21,300	19,842	62,077	58,713	65,306	72,896	201,372	177,681
MA.....	54,767	48,246	500	466	28,706	27,305	9,781	10,916	28,756	25,373
MI.....	1,171,504	1,032,006	72,100	67,165	246,452	241,801	238,739	266,442	639,402	564,178
MN.....	2,530,180	2,228,899	399,800	386,948	419,473	420,718	389,154	434,311	1,743,804	1,588,651
MS.....	816,349	713,142	290,900	261,675	362,030	349,489	268,663	299,862	257,819	227,487
MO.....	1,138,973	1,003,350	402,100	374,589	478,955	467,417	693,731	774,230	995,784	878,633
MT.....	874,345	770,232	392,200	365,358	293,093	297,810	60,679	67,720	895,954	790,548
NE.....	1,531,040	1,346,732	687,400	596,776	453,738	452,249	314,478	350,969	1,022,584	902,290
NV.....	96,502	85,011	83,100	77,413	24,013	23,638	2,947	3,289	85,976	75,861
NH.....	27,130	23,899	5,100	4,751	9,140	8,582	4,789	5,345	14,475	12,772
NJ.....	132,551	116,767	2,600	2,422	31,679	30,459	22,381	24,978	118,754	104,783
NM.....	288,516	254,161	99,500	92,690	81,266	79,799	46,998	52,446	228,096	201,263
NY.....	460,355	405,538	26,300	24,500	209,035	206,035	96,097	107,248	395,548	349,013
NC.....	1,241,507	1,093,675	76,200	70,985	365,817	340,471	176,153	196,593	275,232	242,852
ND.....	1,273,195	1,121,589	54,800	51,050	386,141	388,406	128,100	142,964	488,447	450,983
OH.....	1,106,719	976,696	262,400	244,441	213,320	220,276	500,066	558,092	692,913	611,394
OK.....	1,180,392	1,039,836	165,800	154,453	410,330	409,085	307,310	342,970	574,633	507,029
OR.....	845,799	745,086	205,900	191,908	148,182	149,530	23,317	26,023	906,432	799,793
PA.....	622,056	547,985	28,500	26,549	176,547	169,890	349,583	390,148	389,485	343,663
RI.....	7,012	6,177	0	0	4,057	3,802	2,249	2,510	2,713	2,394
SC.....	622,648	548,500	24,500	22,823	124,262	121,791	47,285	52,772	95,260	84,053
SD.....	668,479	588,890	126,400	117,749	465,511	467,652	97,788	109,135	585,771	516,857
TN.....	549,448	484,023	68,500	63,812	318,209	308,909	342,601	382,356	265,079	233,893
TX.....	2,524,430	2,223,684	867,800	808,498	412,645	428,886	986,327	1,100,778	1,675,956	1,478,755
UT.....	288,474	254,124	15,900	14,719	70,038	69,516	25,100	28,013	229,086	202,135
VT.....	68,321	60,186	1,500	1,397	62,074	58,803	25,254	28,345	52,041	45,919
VA.....	674,688	594,350	40,300	37,542	123,094	121,419	150,493	167,956	250,269	220,825
WA.....	906,230	798,321	412,200	383,969	183,644	187,224	104,706	116,856	621,109	548,037
WV.....	73,925	65,122	10,500	9,781	60,348	58,941	58,902	65,737	40,614	35,836
WI.....	1,591,683	1,402,153	127,200	118,494	377,663	380,948	616,135	687,630	1,071,022	945,019
WY.....	186,210	164,037	130,200	121,289	64,367	63,238	28,992	32,356	206,265	181,116
US.....	44,596,302	39,286,000	11,806,000	10,998,000	10,423,629	10,348,597	11,384,920	12,706,000	27,200,000	24,000,000

¹ Includes operator households.² Includes mortgages in process of foreclosure.³ Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.⁴ Preliminary.⁵ Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, and for Indian tribe land acquisition.⁶ Estimated by ERS, USDA.⁷ Includes District of Columbia.

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AGRICULTURAL LOANS

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Table 599.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1983-86 ¹

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1983	1984	1985	1986 ²	1983	1984	1985	1986 ²
	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	163,506	160,881	154,993	172,978	241,141	228,227	217,761	191,411
AK.....	1,565	1,522	3,533	3,999	8,279	10,428	8,945	7,963
AZ.....	13,729	17,686	57,680	64,373	462,006	556,168	511,599	449,693
AR.....	251,258	289,744	286,278	319,497	438,796	480,070	405,340	356,292
CA.....	623,168	666,699	654,993	730,886	4,136,280	3,985,413	3,376,856	2,966,239
CO.....	59,748	86,934	106,637	119,011	381,840	387,814	319,071	719,950
CT.....	7,784	10,063	10,980	12,254	18,091	16,474	20,447	17,973
DE.....	18,589	19,010	17,532	19,566	71,566	71,609	35,852	31,514
FL.....	117,113	223,376	316,145	352,830	226,441	247,280	245,905	216,061
GA.....	306,698	282,901	299,267	333,993	300,999	304,348	312,348	274,546
HI.....	27,743	26,079	29,038	32,410	16,396	24,634	22,217	19,529
ID.....	11,396	22,305	26,964	30,093	541,686	622,349	667,078	566,358
IL.....	586,152	672,012	814,920	909,481	2,835,619	2,845,765	2,191,845	1,926,630
IN.....	544,226	561,095	623,459	696,504	1,065,440	1,139,226	1,017,320	894,219
IA.....	410,304	511,766	712,869	795,589	2,841,720	2,870,564	3,142,643	2,762,267
KS.....	246,008	270,936	331,403	369,858	2,407,506	2,469,909	2,221,004	1,962,251
KY.....	433,467	459,871	526,683	587,796	650,678	590,638	586,802	515,796
LA.....	237,785	236,399	213,331	238,085	294,886	358,395	329,416	289,555
ME.....	5,807	4,750	5,214	5,819	12,476	19,182	27,413	24,096
MD ²	85,085	64,847	65,306	72,586	71,030	73,583	69,906	60,568
MA.....	5,400	9,262	9,781	10,916	41,556	41,806	36,670	32,223
MI.....	197,456	225,912	238,739	296,442	514,933	561,210	551,034	484,347
MN.....	327,714	371,607	389,154	434,311	2,355,615	2,407,574	2,050,535	1,802,409
MS.....	249,321	273,579	268,663	299,662	397,801	432,430	366,917	322,518
MO.....	616,046	660,317	693,731	774,230	1,501,444	1,464,772	1,225,477	1,077,188
MT.....	25,472	38,882	60,679	67,720	609,280	705,853	693,350	609,451
NE.....	177,541	243,689	314,478	350,969	3,064,705	3,062,360	2,547,910	2,239,569
NV.....	974	4,129	2,947	3,289	14,412	10,986	13,437	11,811
NH.....	5,403	5,962	4,789	5,345	2,563	1,981	2,788	2,451
NJ.....	9,756	18,708	22,381	24,978	9,500	10,258	11,793	10,366
NM.....	27,644	31,465	46,993	52,446	211,181	227,132	224,128	214,587
NY.....	113,336	93,133	96,097	107,248	977,026	694,005	628,850	552,756
NC.....	122,174	144,752	176,153	196,593	309,838	296,439	269,431	236,828
ND.....	80,388	100,343	128,100	142,964	959,431	959,969	893,676	785,536
OH.....	458,596	464,475	500,066	558,093	590,593	623,522	554,419	487,331
OK.....	276,653	310,218	307,310	342,970	1,368,252	1,265,813	1,297,076	1,140,123
OR.....	18,632	21,573	22,317	26,023	343,498	356,046	370,249	325,367
PA.....	372,584	366,125	349,583	390,148	334,390	362,815	360,158	307,787
RI.....	1,917	375	2,249	2,510	450	960	4769	4,192
SC.....	38,485	43,633	47,285	52,772	82,485	86,966	81,983	72,063
SD.....	59,269	69,401	97,788	109,135	1,266,022	1,432,770	1,243,983	1,093,455
TN.....	345,006	344,838	342,601	382,356	356,299	367,407	324,144	284,921
TX.....	705,630	791,474	986,327	1,100,778	2,810,041	3,108,663	2,963,249	2,622,280
UT.....	19,396	22,729	25,100	28,013	101,515	104,495	110,236	96,897
VT.....	25,404	23,996	35,254	39,345	31,181	29,687	24,922	21,906
VA.....	183,766	142,816	160,493	167,956	227,576	226,907	223,548	196,496
WA.....	96,755	129,354	104,706	116,856	662,355	731,069	887,148	753,420
WV.....	69,103	55,684	58,902	65,737	29,651	29,414	25,761	22,644
WI.....	518,497	558,004	616,135	687,630	1,147,754	1,165,930	1,064,991	936,121
WY.....	15,749	23,023	28,992	32,356	272,034	277,804	252,011	221,516
US.....	9,317,100	10,186,133	11,384,920	12,706,000	39,026,431	39,598,931	35,513,296	31,216,000

¹ Includes operator households. Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

² Preliminary.

³ Includes District of Columbia.

Economic Research Service. Data from Federal Deposit Insurance Corporation.

Table 600.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,¹ Dec. 31, 1971-86²

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appala-chian	South-east	Delta States	South-ern Plains	Mount-ain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
1971	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	6.0	6.1	6.1
1972	6.7	6.1	6.2	6.0	6.6	6.8	6.3	6.0	6.1	6.3	6.3
1973	6.9	6.5	6.4	6.3	6.9	7.1	6.3	6.6	6.4	6.4	6.5
1974	7.2	6.9	6.7	6.6	7.3	7.5	7.0	6.9	6.8	6.8	6.9
1975	7.5	6.9	7.1	6.8	7.7	7.9	7.3	7.0	7.0	7.1	7.2
1976	7.4	7.2	7.3	7.1	7.6	7.7	7.4	7.2	7.1	7.3	7.3
1977	7.4	7.3	7.3	7.2	7.5	7.7	7.6	7.0	7.2	7.5	7.3
1978	7.5	7.3	7.7	7.5	8.0	8.0	8.0	7.6	7.6	7.8	7.7
1979	7.8	8.2	8.1	7.9	8.4	8.6	8.2	7.8	7.9	8.1	8.1
1980	8.5	8.5	8.5	8.9	8.7	8.7	8.5	8.4	8.5	8.5	8.6
1981	9.3	9.2	9.8	10.0	9.9	9.7	9.9	9.2	9.8	9.1	9.6
1982	9.9	10.1	10.1	10.2	10.3	10.2	10.3	9.6	9.4	9.3	9.9
1983	10.1	9.5	9.7	9.5	10.3	10.1	10.0	9.4	9.1	9.5	9.6
1984	10.1	9.6	9.8	9.7	10.3	10.4	10.1	9.3	9.1	9.6	9.7
1985	9.0	9.3	9.2	9.3	9.3	9.9	9.5	9.4	9.3	9.6	9.4
1986 ³	9.0	9.3	9.2	9.3	9.3	9.9	9.5	9.4	9.3	9.6	9.4

¹ Includes operator households. For States included in regions, see footnote 1, table 595.

² Contract rates. Excludes Alaska and Hawaii.

³ Preliminary.

Economic Research Service.

Table 601.—Farm real estate debt: Interest charges on debt outstanding, by farming regions,¹ 1972-86²

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appala-chian	South-east
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972	112,384	203,009	456,595	215,035	150,837	146,958
1973	132,632	231,613	521,367	243,265	176,740	180,290
1974	150,777	273,359	611,994	282,406	215,530	226,821
1975	184,517	312,515	724,137	328,472	260,694	275,840
1976	199,918	356,000	853,361	389,679	296,603	306,134
1977	215,150	419,429	1,010,502	464,340	324,996	330,950
1978	226,204	490,955	1,227,762	543,381	372,741	376,113
1979	284,568	621,120	1,524,348	662,953	459,618	455,765
1980	351,336	783,940	1,851,264	842,786	556,707	542,245
1981	414,351	944,655	2,280,359	1,064,091	671,266	647,006
1982	467,266	1,116,818	2,621,338	1,225,913	772,481	747,246
1983	493,404	1,178,907	2,248,318	1,233,114	798,761	774,130
1984	489,944	1,157,608	2,501,791	1,198,710	799,329	744,619
1985	412,610	1,083,370	2,888,606	1,106,687	683,317	720,473
1986 ³	370,035	1,001,452	2,115,555	1,022,978	631,649	665,996

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972	128,922	202,885	202,274	245,759	2,067,441
1973	147,374	240,265	229,494	277,938	2,394,965
1974	171,889	288,719	268,362	329,507	2,833,254
1975	195,062	328,104	315,602	385,274	3,316,621
1976	217,324	359,695	362,322	438,191	3,785,414
1977	246,206	387,900	416,258	505,866	4,326,719
1978	286,750	438,314	480,278	596,702	5,060,048
1979	347,253	517,296	578,302	729,283	6,190,164
1980	420,422	604,732	708,173	874,890	7,543,809
1981	515,443	709,132	837,312	1,043,447	9,141,884
1982	599,400	796,730	924,225	1,189,602	10,490,596
1983	617,295	836,350	934,994	1,278,649	10,814,948
1984	606,320	842,956	924,536	1,306,113	10,733,072
1985	542,116	854,432	897,359	1,364,922	10,188,647
1986 ³	501,124	789,843	776,585	1,169,276	9,181,000

¹ Includes operator households. For States included in regions, see footnote 1, table 595.

² Interest charges during calendar year.

³ Preliminary.

Economic Research Service.

Table 602.—Interest rates: Selected series, United States, 1972-86¹

Year	Federal land banks		Production credit associations, average cost of loans ²	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) ³	Federal Reserve Bank discount rates, New York ⁴
	Average rate on new loans ²	Bond rates ²		Discount rates ²	Bond rates ²	Rates on loans ²	Bond rates ²		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1972.....	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.50
1973.....	7.48	6.59	8.09	7.31	7.85	5.50-9.50	8.75	8.15	8.44
1974.....	8.14	7.36	8.93	8.78	8.65	8.50-10.50	9.01	9.87	7.83
1975.....	8.69	7.60	8.41	8.14	6.88	7.25-10.50	7.03	6.23	6.25
1976.....	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.50
1977.....	8.39	7.37	7.89	6.94	6.53	6.50-8.00	6.76	5.61	5.46
1978.....	8.35	7.68	8.81	8.96	8.15	7.75-9.75	8.66	7.99	7.46
1979.....	9.39	8.74	10.71	10.21	10.37	10.00-12.75	11.09	10.91	10.28
1980.....	10.39	9.71	12.86	12.33	11.10	11.00-16.00	11.54	12.29	11.77
1981.....	11.27	11.65	14.89	14.25	14.18	14.75-16.50	14.14	14.76	13.41
1982.....	12.27	11.88	14.34	13.56	11.74	11.00-15.00	11.45	11.89	11.02
1983.....	11.63	11.83	11.49	10.55	10.26	9.85-10.90	10.71	8.89	8.50
1984.....	11.73	11.90	12.68	11.25	11.0	10.50-11.75	11.2	10.16	8.90
1985.....	12.25	11.59	11.78	11.68	9.4	9.00-10.75	10.5	8.01	7.69
1986.....	12.10	10.72	11.45	10.50	8.1	7.75-9.50	9.0	6.30	6.33

¹ Includes operator households.² Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight.³ Weighted average net cost to banks of bonds outstanding at end of year.⁴ Rate represents interest (as patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.⁵ Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.⁶ Excludes rates on loans secured by COC documents.⁷ Board of Governors of the Federal Reserve System and Economic Report of the President. Annual averages of prevailing open-market rates in New York City. Beginning November 1979, data are for 6-months paper.⁸ Board of Governors of the Federal Reserve System and Economic Report of the President. Annual average in discount rates.

Economic Research Service and Farm Credit Administration.

Table 603.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1971-86¹

Year	Debt owed to reporting institutions (excluding COC)					Total	Debts owed to individuals and others	Total excluding COC loans	Price-support and storage loans made or guaranteed by COC ²	Total including COC loans
	All operating banks	Production credit association	Federal intermediate credit banks ³	Farmers Home Administration						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1971.....	12,498	6,078	287	771	19,564	5,530	35,114	2,362		37,476
1972.....	14,315	6,607	251	781	21,954	6,011	27,965	1,793		29,758
1973.....	17,167	7,814	331	877	26,189	6,865	33,054	750		33,804
1974.....	18,238	9,531	374	1,044	29,187	7,549	36,736	319		37,055
1975.....	20,160	10,770	350	1,772	33,052	8,553	41,605	375		41,980
1976.....	23,283	12,249	368	1,877	37,777	9,989	47,766	1,040		48,806
1977.....	25,709	13,519	374	3,141	42,743	12,244	54,987	4,540		59,527
1978.....	28,273	14,967	509	5,780	49,529	14,297	63,826	5,666		69,492
1979.....	31,034	18,113	665	8,962	58,794	16,610	75,404	5,070		80,474
1980.....	31,564	19,729	810	11,756	63,859	17,721	81,580	4,978		86,561
1981.....	32,858	21,293	913	14,452	69,426	18,789	88,215	5,011		93,226
1982.....	36,126	20,472	871	14,759	72,220	19,530	91,751	15,433		107,184
1983.....	39,025	19,315	850	14,654	73,845	18,945	92,790	10,801		103,591
1984.....	39,599	17,925	875	15,660	74,059	18,000	92,159	8,719		100,878
1985.....	35,513	14,050	537	16,770	66,870	15,378	82,248	16,928		99,176
1986 ⁴	31,216	11,287	275	16,441	59,219	12,391	71,610	18,682		90,292

¹ Includes operator households.² Loans to and discounts for livestock loan companies and agricultural credit corporations.³ Although price-support loans of the Commodity Credit Corporation (COC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.⁴ Preliminary.

Economic Research Service.

Table 604.—Farm Credit System: Loans and discounts made, United States, 1972-86¹

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations ²	Federal intermediate credit banks to other financing institutions		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973	3,284,681	13,038,446	856,691	6,388,950	23,568,768
1974	4,243,479	14,386,388	979,070	8,372,547	27,893,484
1975	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978	6,355,338	23,378,215	1,194,118	14,125,181	45,052,852
1979	9,118,595	29,368,159	1,647,742	18,950,701	59,085,197
1980	10,282,306	32,674,199	1,832,043	24,675,291	69,463,841
1981	12,202,902	35,007,079	1,927,286	24,783,575	73,920,842
1982	8,511,592	32,886,688	1,825,405	23,309,795	66,533,480
1983	4,785,276	30,242,309	1,713,401	27,987,243	64,778,229
1984	4,909,844	28,340,982	1,776,794	29,378,182	63,995,802
1985	n.s.	n.s.	n.s.	n.s.	n.s.
1986	n.s.	n.s.	n.s.	n.s.	n.s.

¹ Includes Puerto Rico.² Includes renewals.

n.s. not available.

Farm Credit Administration.

Table 605.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1972-87¹

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975	13,863,752	9,560,649	403,402	3,575,463	27,403,266
1976	16,563,886	10,825,963	872,860	5,975,961	31,741,570
1977	19,126,749	12,297,032	385,185	5,061,669	36,870,635
1978	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979	25,625,461	15,112,202	534,139	6,217,025	47,489,827
1980	31,283,736	18,418,110	702,229	8,147,557	58,551,632
1981	38,137,543	20,160,313	845,007	9,505,526	68,648,389
1982	46,463,259	21,661,966	937,936	9,125,217	78,188,378
1983	50,375,306	20,711,061	895,276	8,259,607	80,242,112
1984	51,077,854	19,314,795	878,310	8,670,754	79,890,882
1985	50,676,659	17,543,283	926,396	8,640,733	77,187,069
1986	42,849,819	13,327,688		7,763,809	63,941,316
1987	33,942,200	9,903,562		7,005,092	50,850,854

¹ Includes Puerto Rico.

Farm Credit Administration.

Table 606.—Production credit associations: Number of associations and loans outstanding on specified dates, 1986 and 1987, by Districts

District	Production credit associations Jan. 1, 1987	Loans outstanding		
		1986		1987
		Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Springfield.....	18	640,665	582,945	556,799
Baltimore.....	26	695,753	724,002	706,439
Columbus.....	1	1,250,502	1,118,799	839,494
Louisville.....	6	1,107,743	1,024,071	807,668
Jackson.....	2	500,227	529,082	446,716
St. Louis.....	4	815,519	753,970	577,340
St. Paul.....	24	2,392,002	2,163,228	1,773,805
Omaha.....	1	856,162	589,711	463,557
Wichita.....	18	829,204	619,022	522,696
Texas.....	28	1,057,817	906,663	834,926
Sacramento.....	25	2,513,120	2,117,694	1,963,079
Spokane.....	2	665,974	590,979	409,074
Total.....	155	13,327,688	11,722,119	9,908,562

Farm Credit Administration.

Table 607.—Farmers Home Administration: Loans made to individuals
United States and possessions

Year	Farm ownership						Soil and water					
	New borrowers			Loans made			New borrowers			Loans made		
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1972.....	10,891	345,199	2,162,881	872	5,044	32,080	872	5,044	32,080	872	5,044	32,080
1973.....	11,029	387,985	2,293,604	872	2,509	32,712	872	2,509	32,712	872	2,509	32,712
1974.....	8,263	364,979	2,444,213	368	3,631	30,440	368	3,631	30,440	368	3,631	30,440
1975.....	7,278	355,161	2,644,583	509	6,645	30,541	509	6,645	30,541	509	6,645	30,541
1976.....	9,553	496,299	2,826,745	3,641	57,211	31,104	3,641	57,211	31,104	3,641	57,211	31,104
1977.....	9,026	501,871	3,040,062	3,334	60,493	77,283	3,334	60,493	77,283	3,334	60,493	77,283
1978.....	10,469	629,639	3,300,445	2,934	53,159	130,084	2,934	53,159	130,084	2,934	53,159	130,084
1979.....	9,743	881,493	3,609,729	2,158	53,683	174,658	2,158	53,683	174,658	2,158	53,683	174,658
1980.....	9,306	890,523	4,280,875	2,853	55,720	215,573	2,853	55,720	215,573	2,853	55,720	215,573
1981.....	7,948	717,373	4,876,025	1,530	49,325	282,050	1,530	49,325	282,050	1,530	49,325	282,050
1982.....	6,719	664,528	5,374,765	982	30,221	290,999	982	30,221	290,999	982	30,221	290,999
1983.....	7,085	770,583	5,852,702	709	12,710	297,737	709	12,710	297,737	709	12,710	297,737
1984.....	6,366	735,359	6,406,540	613	12,147	296,555	613	12,147	296,555	613	12,147	296,555
1985.....	5,269	661,123	6,957,978	393	9,018	296,346	393	9,018	296,346	393	9,018	296,346
1986.....	3,930	550,440	7,471,575	220	4,890	295,932	220	4,890	295,932	220	4,890	295,932
1987.....			7,592,580			285,430			285,430			285,430

individuals and associations for farming purposes, and amount outstanding,
States and Territories, 1972-87 ¹

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Loans to individuals

Recreation			Operating			Emergency		
New borrow- ers	Loans made	Out- standing Jan. 1	New borrow- ers	Loans made	Out- standing Jan. 1	New borrow- ers	Loans made	Out- standing Jan. 1
Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
37	1,778	4,419	15,280	330,908	658,468	22,538	166,986	76,005
27	1,416	5,827	20,296	471,798	680,181	30,296	491,921	73,296
12	811	6,710	23,093	544,218	777,752	30,257	184,802	81,864
15	664	7,314	19,166	536,988	923,550	40,201	880,885	109,764
24	1,835	7,771	16,549	549,531	1,028,091	8,507	734,731	752,209
18	1,079	8,929	15,529	589,233	1,033,648	29,707	1,855,311	842,215
27	1,677	9,709	23,105	851,109	1,077,517	38,003	2,931,858	2,066,970
22	2,722	10,795	19,892	949,165	1,487,523	24,568	2,857,515	4,299,570
16	1,855	12,588	16,612	812,559	1,599,927	19,339	2,448,906	6,104,375
11	1,450	14,133	17,104	320,626	1,854,440	47,865	4,878,941	7,316,141
4	712	15,309	21,235	1,276,512	2,058,160	5,585	2,008,517	9,981,508
0	0	15,420	25,022	1,750,088	2,496,344	1,729	566,268	10,029,768
0	0	14,179	25,121	2,213,098	3,050,446	20,313	1,033,712	9,481,986
0	0	13,848	38,749	4,694,346	3,750,587	7,661	463,544	9,785,792
0	0	12,989	24,218	3,571,197	5,219,061	3,132	210,122	9,548,561
		11,900			5,524,707			9,055,536

TAXES, INSURANCE, CREDIT, AND COOPERATIVES, 1987

Year	Loans to associations									New borrowers
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	
	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	
1972.....	4	4,490	795	28	6,172	83,076	10	903	6,780	
1973.....	1	2,850	4,703	11	3,899	84,048	7	338	6,950	
1974.....	3	9,786	8,910	10	2,677	81,297	5	940	7,097	
1975.....	8	8,715	16,964	9	4,290	77,553	12	1,336	9,822	
1976.....	0	11,063	23,109	9	3,937	77,073	12	4,812	7,960	
1977.....	4	13,414	33,123	6	4,948	77,589	9	5,274	9,541	
1978.....	0	6,500	45,658	3	1,703	78,314	2	86	12,710	
1979.....	1	11,000	* 50,845	4	5,585	* 78,371	7	1,019	* 13,240	
1980.....	1	6,380	60,012	0	160	75,262	3	233	18,322	
1981.....	1	4,542	62,386	0	0	74,638	2	236	18,255	
1982.....	1	62	67,990	0	0	69,350	3	1,243	18,168	
1983.....	0	7,450	68,427	0	0	66,748	0	0	18,018	
1984.....	0	2,620	70,564	0	0	63,536	0	0	17,500	
1985.....	1	1,406	82,631	0	0	60,263	0	0	17,920	
1986.....	1	1,404	83,360	0	0	58,155	0	0	17,479	
1987.....			85,516			56,660			16,986	

^a Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loans discontinued.

^b Latest data available as of September 30, 1978.

Farmers Home Administration.

Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
Number (*)	1,000 dol- lars (*)	1,000 dol- lars	Number	1,000 dol- lars	1,000 dol- lars	Number	1,000 dol- lars	1,000 dol- lars
.....	41,991	.....	.....	.....	.....	.....	.....
.....	31,513	.....	.....	.....	.....	.....	.....
.....	22,968	.....	.....	.....	.....	.....	.....
.....	17,213	.....	.....	.....	2,706	322,723	.....
.....	12,550	.....	.....	.....	2,339	361,490	.....
.....	8,281	.....	.....	.....	1,038	169,552	.....
.....	5,708	6,400	562,267	.....	315	60,340	.....
.....	3,943	40,195	3,168,639	.....	50	13,392	.....
.....	2,831	24,331	1,590,174	3,297,312	(*)	(*)	.....
.....	1,945	10,152	1,007,588	4,517,963	.....	.....	.....
.....	1,540	12,601	1,245,354	4,873,580	.....	.....	.....
.....	964	0	0	4,516,719	.....	.....	.....
.....	739	4,300	509,334	4,240,017	.....	.....	.....
.....	599	(*)	(*)	4,243,944	.....	.....	.....
.....	484	.....	.....	4,002,734	.....	.....	.....
.....	272	.....	.....	3,720,910	.....	.....	.....

of loans made represent obligations and include loans to new borrowers and subsequent loans are loan advances less principal repayments for loans made directly by the Agency.

FmHA LOANS

Table 608.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1972-87¹

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1972.....	120,968	1,807,063	4,328,708	76	3,810	16,789
1973.....	85,286	1,394,506	5,694,574	18	9,969	18,938
1974.....	102,006	1,939,622	6,700,675	61	8,972	20,735
1975.....	112,071	2,334,202	8,061,996	97	8,066	23,336
1976.....	94,522	2,054,706	9,815,076	71	10,366	26,945
1977.....	113,365	2,687,028	11,063,704	87	6,490	30,893
1978.....	114,018	3,060,481	12,596,064	85	11,655	38,295
1979.....	85,435	2,556,434	14,495,475	207	36,034	^a 40,542
1980.....	84,239	2,765,947	16,130,400	181	24,974	54,631
1981.....	70,850	2,478,378	18,075,547	203	17,512	74,984
1982.....	65,567	2,554,027	19,642,741	109	10,962	97,659
1983.....	49,457	1,970,487	21,181,379	65	4,170	115,580
1984.....	46,011	1,880,699	21,946,326	49	5,815	126,648
1985.....	42,702	1,785,748	22,357,923	91	17,269	122,616
1986.....	24,804	1,052,524	22,666,367	51	10,376	^a 122,954
1987.....			22,008,584			^a 122,954

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1972.....	399	48,836	105,755	17	1,693	1,730
1973.....	445	96,555	139,266	14	2,181	2,248
1974.....	637	205,580	175,960	9	1,787	2,381
1975.....	1,034	330,757	283,906	6	1,531	3,369
1976.....	1,090	433,253	531,051	5	954	4,526
1977.....	1,243	646,796	758,726	10	2,098	4,789
1978.....	1,157	729,231	1,069,590	9	3,891	4,688
1979.....	1,153	852,689	^a 1,369,615	19	4,039	^a 4,461
1980.....	1,067	783,683	2,403,332	7	928	5,253
1981.....	1,146	814,452	3,210,140	5	1,189	7,551
1982.....	1,244	966,670	3,864,875	0	134	5,945
1983.....	1,032	798,581	4,540,754	1	310	4,413
1984.....	1,132	937,433	5,234,310	1	213	3,279
1985.....	1,151	963,945	5,926,748	2	1,275	1,088
1986.....	657	561,395	^a 6,080,462	1	666	^a 1,045
1987.....			^a 6,080,462			^a 1,045

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

² Latest data available as of September 30, 1978.

³ Latest data available as of March 31, 1985.

Farmers Home Administration.

Table 609.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1972-85

Year ¹	Cooperatives ²				Estimated memberships ⁴				Estimated service receipts ⁵
	Marketing	Farm supply	Related service ³	Total	Marketing	Farm supply	Related service ³	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	
1972.....	4,897	2,801	156	7,854	3,118	2,968	22	6,128	508
1973.....	4,822	2,778	165	7,765	3,111	2,972	22	6,105	688
1974.....	4,770	2,729	146	7,645	3,127	2,971	25	6,123	745
1975.....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976/77.....	4,008	2,588	185	6,786	2,655	3,066	37	5,758	893
1978 *.....	3,930	2,550	130	6,600	2,595	3,083	37	5,695	948
1979.....	3,825	2,507	113	6,445	2,581	3,060	36	5,627	1,054
1980.....	3,808	2,369	116	6,293	2,542	2,904	32	5,379	1,309
1981.....	3,743	2,356	112	6,211	2,452	2,856	27	5,335	1,190
1982.....	3,714	2,299	112	6,125	2,444	2,666	25	5,135	1,394
1983.....	3,647	2,208	134	5,989	2,308	2,553	95	4,955	1,468
1984.....	3,514	2,196	132	5,782	2,217	2,397	128	4,842	1,522
1985.....	3,441	2,096	148	5,625	2,214	2,398	169	4,781	1,640

Year ¹	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business ⁶	Estimated net business ⁶	Estimated gross business ⁶	Estimated net business ⁶	Estimated gross business ⁶	Estimated net business ⁶
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1972.....	25,110	19,573	8,841	5,915	34,454	25,991
1973.....	25,632	20,944	11,395	7,764	47,685	35,365
1974.....	40,313	31,937	18,416	8,660	54,474	41,342
1975.....	39,402	29,783	15,554	9,412	55,811	40,050
1976/77.....	40,804	32,134	17,791	10,537	59,488	43,584
1978 *.....	45,072	35,306	18,605	11,052	64,625	47,305
1979.....	53,689	41,893	22,670	13,521	77,392	56,268
1980.....	63,650	48,911	27,680	16,134	92,529	66,254
1981.....	70,162	53,285	36,127	17,059	101,479	71,534
1982.....	65,600	51,594	28,105	16,362	96,599	69,150
1983.....	61,209	49,344	26,053	15,943	88,730	66,755
1984.....	67,627	54,556	27,723	16,969	96,971	73,047
1985.....	57,033	47,321	26,424	16,641	85,007	65,601

¹ Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978.

² Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

³ Includes cooperatives whose major activity is providing services related to marketing and farm supply activities.

⁴ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

⁶ Estimated.

⁷ Number of memberships was up significantly due to inclusion of additional related service cooperatives.

⁸ Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

⁹ Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

Table 610.—Farmers' cooperatives: Number of marketing, farm supply, and related service cooperatives and business volume, United States, 1984 and 1985 (preliminary)

Item	Cooperatives handling		Gross business		Net business ¹	
	1984	1985 ²	1984	1985	1984	1985
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Products marketed:						
Beans and peas (dry edible).....	50	49	155,484	172,453	120,214	144,209
Cotton and cotton products.....	470	459	2,881,478	1,942,872	2,471,366	1,680,427
Dairy products.....	404	394	18,757,254	18,504,648	16,707,616	15,959,869
Fruits and vegetables.....	380	370	6,603,809	6,614,077	5,058,900	5,068,279
Grain, soybeans and soybean meal and oil.....	2,196	2,139	29,352,414	20,696,979	20,607,295	15,673,750
Livestock and livestock products.....	388	378	3,768,451	3,493,817	3,688,908	3,414,597
Nuts.....	34	33	577,942	919,412	577,942	919,412
Poultry products.....	61	59	1,212,692	1,082,017	1,116,917	956,586
Rice.....	60	58	930,336	825,701	924,588	825,701
Sugar products.....	45	44	1,759,284	1,574,079	1,715,066	1,505,403
Tobacco.....	34	33	587,417	302,431	587,417	302,140
Wool and mohair.....	175	170	51,908	34,352	32,668	19,937
Miscellaneous ³	99	96	738,351	871,068	697,128	871,068
Total farm products.....	* 4,029	* 3,925	67,636,851	57,082,906	54,556,020	47,330,868
Supplies purchased:						
Building materials.....	1,822	1,775	576,649	484,958	448,433	306,499
Containers.....	502	489	288,960	309,715	100,809	149,550
Farm chemicals.....	3,289	3,204	2,510,184	2,478,082	1,460,343	1,450,893
Farm machinery and equipment.....	1,632	1,590	456,295	499,089	323,618	356,065
Feed.....	3,181	3,099	5,047,775	4,315,984	3,640,592	3,120,726
Fertilizer.....	3,323	3,237	6,008,561	5,614,679	3,434,726	2,341,571
Meats and groceries.....	421	410	186,928	172,370	156,212	153,002
Petroleum products.....	2,647	2,579	9,976,010	9,994,668	5,477,408	5,800,524
Seed.....	3,203	3,126	780,528	695,101	686,855	510,339
Other supplies ⁴	3,796	3,658	1,890,649	1,859,121	1,339,984	1,361,625
Total farm supplies.....	* 4,401	* 4,288	27,722,539	26,423,757	16,968,981	16,640,094
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	* 3,986	* 3,883	* 1,521,539	1,639,878	* 1,521,539	* 1,639,878
Total business.....	* 5,782	* 5,625	96,870,930	85,096,541	73,046,540	65,601,440

¹ Represents value at the first level at which cooperatives transact business for farmers. ² Revised. ³ Includes coffee, fish, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. ⁴ Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. Inactive cooperatives not included. ⁵ Includes automotive supplies, hardware, chicks, and other supplies not separately classified. ⁶ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

Table 611.—Farmers' cooperatives: Types, numbers, and memberships, United States

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service:			
Marketing ¹	1985.....	* 3,441	2,214,109
Farm supply ²	1985.....	* 2,096	2,397,818
Related services ³	1985.....	* 148	169,339
Service:			
Federal land bank associations ⁴	Dec. 31, 1985.....	306	n.a.
Production credit associations ⁵	Dec. 31, 1985.....	216	n.a.
Banks for cooperatives ⁶	Dec. 31, 1985.....	n.a.	n.a.
Rural credit unions ⁷	Dec. 31, 1985.....	915	2,811,256
Rural electric cooperatives ⁸	Dec. 31, 1985.....	* 927	¹⁰ 10,164,027
Rural telephone cooperatives ⁹	Dec. 31, 1985.....	249	1,943,773
Production:			
Dairy herd improvement associations ¹¹	Dec. 31, 1985.....	n.a.	37,457

See footnotes on page 440.

Table 612.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1983 and 1985

State	Cooperatives headquartered in State		Cooperatives doing business in State ¹		Memberships in State		Net business ²	
	1983 ³	1985	1983 ³	1985	1983 ³	1985	1983 ³	1985
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
AL.....	83	80	95		81,794	70,736	767,492	759,755
AK.....	1	1	1		15	16	(*)	(*)
AZ.....	17	14	30		63,614	63,670	487,412	389,121
AR.....	117	102	137		108,682	72,963	1,214,883	1,123,109
CA.....	247	235	259		69,944	70,956	* 5,353,990	* 5,770,650
CO.....	77	73	90		38,758	35,892	826,975	629,684
CT.....	5	5	10		3,311	7,330	169,381	167,048
DE.....	5	5	14		10,166	11,657	103,344	104,287
FL.....	66	66	79		31,269	32,903	1,495,739	1,798,230
GA.....	23	21	36		73,432	62,437	1,258,924	1,041,170
HI.....	23	25	29		2,928	3,073	40,343	51,400
ID.....	65	60	81		45,599	39,521	635,692	461,536
IL.....	279	269	295		253,551	258,723	4,461,596	3,971,879
IN.....	90	82	113		207,903	199,119	1,907,614	1,364,718
IA.....	362	373	391		294,871	294,247	5,757,965	5,916,227
KS.....	239	233	257		205,591	218,662	2,532,196	2,153,595
KY.....	72	92	90		258,121	229,808	757,750	660,595
LA.....	87	70	107		17,965	19,240	599,988	573,244
ME.....	9	7	15		8,130	12,371	128,100	155,016
MD.....	29	24	43		51,545	63,484	561,269	562,635
MA.....	17	16	19		9,047	8,253	847,625	511,079
MI.....	108	100	126		114,526	90,355	1,787,679	1,723,739
MN.....	673	596	696		448,497	423,983	5,334,788	5,429,162
MS.....	151	142	167		116,453	92,125	980,046	907,012
MO.....	113	110	145		244,264	240,771	2,349,073	2,073,596
MT.....	135	120	147		53,209	44,764	406,273	356,290
NE.....	248	236	269		201,612	185,496	2,525,358	2,385,917
NV.....	4	5	15		183	384	25,929	36,695
NH.....	2	2	10		1,987	4,711	69,393	64,158
NJ.....	24	20	39		10,596	10,254	289,782	291,555
NM.....	30	15	29		5,940	4,240	64,018	59,206
NY.....	220	200	232		109,614	121,127	2,273,983	2,306,974
NC.....	36	34	52		133,697	142,198	644,393	634,302
ND.....	396	391	408		163,221	159,572	1,878,765	1,700,195
OH.....	167	151	185		149,516	149,065	2,642,056	2,347,898
OK.....	143	140	157		94,571	100,149	879,593	766,891
OR.....	52	50	64		39,034	48,195	872,507	995,643
PA.....	86	84	107		69,060	69,453	1,813,924	1,819,506
RI.....	1	1	4		458	1,215	(*)	(*)
SC.....	19	17	20		35,439	40,609	190,730	215,165
SD.....	233	222	250		151,933	136,506	1,233,611	1,214,275
TN.....	106	101	125		148,352	134,824	708,847	573,173
TX.....	422	387	429		127,735	120,058	2,063,773	2,260,932
UT.....	39	39	47		22,504	21,258	351,986	242,768
VT.....	19	6	15		5,985	12,290	359,760	406,066
VA.....	110	101	123		167,007	188,597	977,914	962,566
WA.....	130	122	141		77,567	98,729	1,511,985	1,648,096
WV.....	45	44	60		66,504	49,596	143,786	140,967
WI.....	368	342	394		319,294	308,491	4,019,918	4,234,530
WY.....	22	20	34		7,694	6,907	73,602	73,971
US.....	5,989	5,625			4,954,494	4,780,907	65,906,405	64,639,087
Foreign.....			15		* 284	* 249	848,419	962,353
Total.....	5,989	5,625			4,954,758	4,781,216	66,754,824	65,601,440

¹ Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication. Data not available for 1984 and 1985 due to sampling methodology.

² Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding.

³ Data for 1983 are shown where 1984 data are not available. Statistics for 1984 are presented on an annual basis only.

⁴ Dollar volume is not shown to avoid disclosing operations of individual cooperatives.

⁵ Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

⁶ Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

Agricultural Cooperative Service.

Table 613.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1987¹

State and Territory	Borrowers	Total financing			Financing to cooperative associations ²		Financing by purpose			Miles of line provided for by financing ³	Consumers provided for by financing ⁴
		REA loans	With REA guarantee	Without REA guarantee ⁵	Borrowers	Amount ^{2,4}	Distribution	Generation and transmission ^{2,4}	Consumer facilities ²		
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Numbers
AL	27	375,490	295,118	56,135	24	714,762	307,753	419,631	1,359	52,678	406,502
AK	16	726,985	289,281	94,367	14	1,067,341	456,932	652,612	1,089	9,300	163,322
AZ	14	186,379	337,679	33,481	8	535,433	155,465	401,584	490	12,365	106,486
AR	21	596,952	871,630	156,065	20	1,624,124	511,962	1,108,214	4,471	60,449	363,611
CA	10	65,904	0	3,196	7	47,615	61,770	10,274	56	6,213	73,463
CO	24	870,669	1,430,425	316,770	24	2,607,504	624,629	1,938,101	74	59,330	299,570
CT	0	0	0	0	0	0	0	0	0	0	0
DE	1	32,866	0	8,738	1	41,604	39,877	1,724	3	3,519	37,317
FL	18	631,239	911,624	432,405	16	1,975,056	736,919	1,235,830	2,519	50,427	600,210
GA	48	827,653	4,164,469	1,408,208	46	6,400,066	1,029,845	5,367,526	2,969	113,564	1,003,845
HI	0	0	0	0	0	0	0	0	0	0	0
ID	10	119,234	130	18,691	10	138,055	111,105	25,753	1,197	11,355	46,650
IL	31	431,713	1,005,766	125,372	30	1,562,770	394,994	1,177,735	212	54,150	231,983
IN	48	357,460	1,926,898	414,236	47	2,699,205	319,084	2,378,834	716	51,002	359,990
IA	55	619,771	266,758	88,075	52	973,006	404,514	568,696	397	65,684	189,232
KS	38	487,279	797,147	81,195	37	1,365,615	410,591	954,615	415	71,507	191,285
KY	29	847,684	2,806,501	447,810	28	4,101,998	599,964	3,500,872	1,159	73,311	569,292
LA	30	540,822	3,077,621	211,220	18	3,821,167	530,283	2,299,203	177	45,834	408,147
ME	4	22,139	0	632	4	22,771	19,068	3,659	44	1,760	14,142
MD	2	135,709	0	34,825	2	170,533	139,839	30,695	0	10,930	112,239
MA	0	0	0	0	0	0	0	0	0	0	0
MI	14	296,072	817,630	33,907	14	1,147,610	225,322	921,814	478	30,211	209,912
MN	52	890,921	1,285,134	150,687	50	2,265,784	676,953	1,585,443	4,246	107,372	473,583
MS	29	478,541	787,007	135,715	27	1,398,556	493,119	931,450	694	74,539	537,739
MO	49	969,410	865,366	377,848	48	2,212,589	688,936	1,522,867	821	108,996	536,532
MT	26	274,783	11,478	27,090	26	313,351	248,345	64,777	229	44,054	104,721
NE	36	458,202	0	29,043	4	64,695	37,126	114,557	562	75,532	170,017
NV	8	70,029	1,689	7,443	3	71,213	56,369	22,544	248	5,705	17,277
NH	1	76,684	146,182	6,061	1	228,927	80,005	148,890	32	4,288	55,373
NJ	2	11,762	0	2,630	2	14,393	13,247	1,141	4	806	11,270
NM	18	290,212	387,682	130,541	17	898,401	237,572	567,958	3,010	38,554	153,980
NY	6	24,676	0	5,326	5	23,138	29,742	175	85	4,491	21,482
NC	35	529,329	1,513,370	308,327	30	2,350,131	563,222	1,783,169	4,635	66,310	589,742
ND	28	868,547	2,345,938	722,252	26	3,981,138	427,292	3,507,459	1,966	67,783	112,497
OH	29	332,583	72,110	407,200	28	805,651	316,474	495,201	218	39,632	256,378
OK	29	797,475	637,093	181,090	27	1,615,357	740,576	872,406	2,676	94,351	423,956
OR	18	290,181	54,128	48,183	17	322,568	240,441	91,814	237	20,950	114,886
PA	13	190,691	647,906	58,050	13	995,648	230,302	675,108	239	24,153	178,213
RI	0	0	0	0	0	0	0	0	0	0	0
SC	27	595,412	530,136	206,033	25	1,327,075	541,587	787,766	2,221	53,981	455,535
SD	34	416,692	13,628	22,047	34	452,367	318,046	133,449	981	63,634	123,993
TN	32	326,699	0	74,053	20	373,165	397,323	3,384	45	65,077	661,574
TX	101	1,879,603	1,063,677	385,801	99	3,271,344	1,794,143	1,532,414	2,524	245,510	1,215,178
UT	6	71,809	1,036,342	215,150	6	1,323,302	58,523	1,264,654	124	5,730	22,518
VT	3	52,163	50,726	5,339	3	108,227	38,373	68,951	903	2,694	19,535
VA	19	356,576	263,000	84,035	18	703,418	413,458	289,486	667	36,697	280,190
WA	23	185,330	0	30,602	11	162,676	202,948	13,352	252	20,109	95,371
WV	1	5,982	0	617	1	7,589	7,584	0	5	725	5,894
WY	81	436,522	260,359	80,820	30	771,609	250,691	525,201	1,800	41,387	185,065
WY	15	227,092	15,576	20,947	14	263,537	173,087	90,427	101	27,664	75,121
US	1,101	19,173,466	30,977,196	7,690,410	987	57,112,392	16,656,320	41,137,378	47,374	2,124,244	12,296,878
PR	1	238,727	0	4,744	0	0	210,762	32,709	0	14,811	467,091
VI	1	430	0	0	0	0	233	197	0	85	912
Total	1,108	19,412,623	30,977,196	7,695,154	987	57,112,392	16,967,315	41,170,284	47,374	2,139,140	12,764,881

¹ State total represents data for borrowers incorporated within the State.

² Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.

³ Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$516,261,866; municipalities and other Government authorities, 36 borrowers, \$427,757,334; power companies, 26 borrowers, \$38,562,037.

⁴ Includes \$30,977,196,027, REA guarantee commitments made as of Jan. 1, 1987.

⁵ Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

⁶ Includes miles energized and consumers served, shown in tables 614 and 615.

Rural Electrification Administration.

Table 614.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1986, by States and Territories ¹

State and Territory	Total advances as of Jan. 1, 1967 ²	Statistics for borrowers in operation										Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1, 1967			Calendar year 1966								
		Borrowers	Miles energized ⁴	Consumers served ⁴	Kw.-hr. generated	Kw.-hr. purchased ⁵	Kw.-hr. sales ⁶	Total revenue ⁶	All consumers	Residential consumers ⁷			
		1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.		
AL.....	357,865	26	55,596	394,522	2,478,147	7,186,171	6,236,096	386,051	1,253	951			
AK.....	629,583	15	9,295	151,032	2,342,381	1,298,183	2,505,753	219,705	1,866	734			
AZ.....	161,453	14	15,997	113,257	850,177	3,259,341	2,435,364	177,221	1,794	525			
AR.....	559,596	21	59,728	301,592	6,060,214	5,576,507	4,162,589	314,412	1,149	815			
CA.....	68,374	9	5,356	35,261	0	392,444	361,066	24,300	1,174	728			
CO.....	806,792	24	58,888	276,626	7,223,681	8,706,694	8,200,437	410,296	1,445	743			
CT.....	0	0	0	0	0	0	0	0	0	0			
DE.....	31,312	1	3,562	37,652	0	410,610	377,038	31,280	852	739			
FL.....	523,898	18	51,077	524,312	6,918,527	7,409,269	7,620,693	603,066	1,061	832			
GA.....	736,821	46	111,919	886,404	8,296,186	18,922,261	14,821,468	992,147	1,229	969			
ID.....	0	0	0	0	0	0	0	0	0	0			
IA.....	110,260	10	11,442	42,728	0	1,084,439	1,004,974	47,601	1,990	962			
IL.....	414,722	31	53,589	206,103	1,376,872	5,231,559	3,161,003	282,631	1,239	937			
IN.....	338,856	45	50,978	334,392	5,409,680	7,981,593	7,574,092	482,061	1,238	1,001			
KS.....	571,280	55	64,446	171,642	2,138,991	4,368,892	3,449,290	232,671	1,456	1,242			
LA.....	446,669	37	69,694	170,660	1,640,835	4,390,077	3,317,315	267,203	1,476	722			
KY.....	7,753	28	72,419	478,296	13,217,055	16,224,257	17,924,587	698,727	2,160	960			
LI.....	486,648	17	43,402	306,564	6,816,651	5,433,816	6,583,326	576,665	1,236	996			
ME.....	21,825	4	1,751	13,085	5	96,437	86,513	8,287	556	389			
MD.....	123,837	2	10,704	108,783	0	1,914,532	1,797,086	132,422	1,416	966			
MA.....	0	0	0	0	0	0	0	0	0	0			
MI.....	279,979	14	29,798	191,698	317,731	2,535,860	1,564,177	117,783	671	526			
MN.....	789,828	52	107,120	458,327	7,493,784	9,351,109	10,730,672	545,529	1,153	933			
MS.....	460,139	29	76,165	478,152	2,688,508	9,971,074	7,587,690	508,427	1,428	860			
MO.....	914,219	47	108,120	449,533	7,914,220	17,895,348	12,124,478	557,642	1,187	999			
MT.....	243,449	26	43,040	94,053	0	2,910,427	1,562,224	83,476	1,389	972			
NV.....	418,895	36	69,622	157,583	0	5,422,107	2,858,162	179,830	1,585	1,135			
NH.....	62,747	8	8,465	17,152	569	565,212	488,327	25,656	2,409	875			
NJ.....	73,058	1	4,245	54,513	0	507,519	464,836	35,229	730	560			
NH.....	11,763	2	804	11,484	0	95,936	88,933	10,215	857	732			
NY.....	272,962	18	38,025	131,361	1,057,493	3,889,380	2,593,546	203,326	1,542	455			
NC.....	22,288	5	4,025	18,160	0	132,080	119,993	7,715	865	814			
ND.....	479,193	33	67,116	531,024	1,830,677	14,248,900	8,467,983	696,244	1,078	886			
OH.....	817,027	27	66,335	309,313	13,103,735	7,264,585	11,192,923	371,962	2,300	1,247			
OK.....	310,182	29	39,161	254,200	4,370,260	4,514,916	4,221,185	269,095	1,331	967			
OR.....	732,905	29	92,991	336,937	2,708,430	6,668,555	5,351,607	379,527	1,265	866			
PA.....	220,058	18	21,638	102,099	44,525	2,567,863	2,416,092	110,175	1,981	1,114			
RI.....	176,009	13	24,280	163,132	601,854	2,875,784	1,557,032	184,568	784	680			
SC.....	0	0	0	0	0	0	0	0	0	0			
SD.....	493,330	23	50,448	392,550	9,583	12,421,114	6,090,782	465,819	1,219	1,007			
SD.....	379,565	34	62,708	104,778	0	4,675,947	1,712,965	116,877	1,356	1,085			
TN.....	292,041	32	65,558	629,973	0	12,984,043	12,172,492	681,361	1,658	1,158			
TX.....	1,686,983	82	244,007	1,014,565	4,224,192	21,215,979	14,269,961	1,016,510	1,184	867			
UT.....	61,748	6	5,499	21,355	1,699,387	1,773,191	1,900,375	86,448	4,634	824			
VT.....	49,015	3	2,694	18,110	28,443	315,572	211,810	17,588	755	664			
VA.....	332,321	15	37,099	263,229	1,431,806	8,422,891	4,690,746	300,576	1,414	926			
WA.....	176,746	23	19,891	88,224	0	2,555,407	2,410,642	87,126	2,503	1,419			
WV.....	6,280	1	715	4,650	0	39,733	33,597	2,541	608	569			
WI.....	420,258	31	41,184	171,254	3,737,154	2,527,260	2,633,360	171,656	1,635	915			
WY.....	206,275	15	27,271	67,617	9,448	2,577,720	2,410,394	142,291	3,054	875			
US.....	17,566,907	1,055	2,107,826	10,882,036	118,041,223	280,597,694	213,305,514	13,264,518	1,351	920			
PR.....	238,727	1	14,627	474,216	2,790,446	0	2,298,746	237,710	0	0			
VI.....	439	1	97	833	0	0	0	0	0	0			
Total.....	17,806,064	1,057	2,122,550	11,257,105	120,831,669	280,597,694	215,599,260	13,502,228	1,351	920			

¹ State totals represent data for borrowers incorporated within the State.² Actual funds advanced out of REA loans approved, as shown in table 613.³ Cumulative.⁴ Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1967, there were 74 such borrowers with 34,382 miles energized and 173,567 consumers served.⁵ Includes 145,141,141 thousands of Kw.-hr. sold by one REA borrower to another.⁶ Excludes energy sales and revenues of power sold by one REA borrower to another.⁷ Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 615.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1972-87

Year	Total advances as of Jan. 1 ¹	Statistics for borrowers in operation							Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year					
		Bor- rowers	Miles energ- ized ²	Consum- ers served ³	Kw.-hr. generated	Kw.-hr. pur- chased ⁴	Kw.-hr. sales ⁵	Total revenue ⁶		
									All con- sumers	Residen- tial consum- ers ⁷
	1,000 dollars	Num- bers	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1972.....	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973.....	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974.....	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975.....	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,692	112,669,814	2,971,882	1,191	840
1976.....	9,508,807	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977.....	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978.....	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,329	837
1979.....	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,225	5,770,136	1,335	919
1980.....	12,588,246	1,050	1,950,394	9,275,066	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981.....	13,513,696	1,050	1,978,758	9,523,552	77,231,104	111,516,120	167,687,587	8,294,511	1,337	901
1982.....	14,454,331	1,051	2,009,504	9,844,319	81,568,123	111,574,193	172,731,830	9,691,692	1,326	905
1983.....	15,206,521	1,055	2,036,416	10,096,448	93,058,714	117,966,290	187,193,706	11,175,321	1,317	896
1984.....	15,965,444	1,060	2,067,702	10,555,401	106,753,172	125,172,354	209,063,661	12,217,509	1,364	914
1985.....	16,489,186	1,060	2,082,093	10,896,358	120,372,848	118,618,780	215,175,311	13,075,624	1,360	906
1986.....	17,098,186	1,059	2,100,005	11,110,158	120,891,669	115,456,553	215,599,260	13,502,228	1,351	920
1987.....	^a 17,806,064	1,057	2,122,550	11,357,105						

¹ Cumulative from organization, May 11, 1935.² Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1987, there were 74 such borrowers with 24,382 miles energized and 173,967 consumers served.³ Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.⁴ Includes rural nonfarm and farm consumers.⁵ Actual funds advanced out of REA loans approved, as shown in table 613.

Rural Electrification Administration.

FOOTNOTES FOR TABLE 611

¹ Agricultural Cooperative Service, U.S. Department of Agriculture.² When associations marketing farm products but principally engaged in providing some other services are included, the total is 3,925.³ When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 4,258.⁴ Includes trucking, storage, grinding, locker plant, and other services.⁵ When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 3,983.⁶ Farm Credit Administration.⁷ Credit Union National Association, Inc.⁸ Rural Electrification Administration, U.S. Department of Agriculture.⁹ Includes associations that are REA repaid borrowers.¹⁰ Includes only memberships of associations financed by REA.¹¹ Agriculture Research Service, U.S. Department of Agriculture.

n.a. not available.

Agricultural Cooperative Service.

Table 616.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1972-87¹

Year	Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1972	690	319,345	868,968			96,646	23	13,940	40,671
1973	688	430,439	1,010,804	1	484	108,514	12	8,917	44,224
1974	679	572,160	1,197,399	(²)	142	98,641	26	18,643	50,029
1975	648	456,125	1,453,806	(²)	46	100,640	13	19,800	54,972
1976	631	472,932	1,900,706	(²)	(²)	98,954	12	6,877	58,748
1977	1,076	693,046	2,143,117			91,140	8	5,186	60,916
1978	789	824,234	2,584,580			87,753	11	11,692	67,704
1979	846	876,650	2,908,602			* 84,649	3	4,818	* 67,550
1980	874	764,245	3,620,965			82,069	9	11,947	69,891
1981	765	605,059	4,220,819			79,400	5	14,856	70,674
1982	435	381,316	4,771,764			77,081	2	1,754	71,642
1983	522	593,298	5,392,308			73,993	0	110	73,064
1984	259	263,600	5,744,728			70,319	0	0	73,025
1985	363	367,565	6,187,239			66,449	1	2,233	75,011
1986	296	343,680	6,518,415			63,190	2	473	75,001
1987			6,667,123			59,977			72,446

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1972	15	1,303	11,991							(²)	(²)	15,426
1973	22	3,409	12,531	4	1,169		2	212				14,422
1974	15	1,178	12,855	484	246,012		185	67,775				13,311
1975	14	1,741	13,842	622	408,435	757	389	276,632	8,863			12,445
1976	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786			11,392
1977	8	1,006	11,764	504	377,619	11,201	282	188,397	206,381			8,506
1978	4	1,137	12,147	1,168	1,150,006	20,511	382	245,373	324,373			6,896
1979	9	1,878	* 12,942	1,275	1,104,011	* 22,256	521	274,689	* 463,623			* 6,128
1980	6	1,850	13,392	812	1,169,050	33,404	564	338,793	700,941			4,592
1981	12	1,954	14,307	385	434,787	32,816	577	219,957	357,483			4,227
1982	4	885	14,234	65	130,521	37,783	167	119,467	1,159,666			3,924
1983	3	1,207	14,397	57	114,096	38,645	129	133,961	1,363,275			3,581
1984		30	15,132	60	97,183	38,067	105	127,870	1,439,344			3,276
1985	1	500	15,530	37	54,284	41,954	152	127,095	1,508,270			2,827
1986	0	0	14,929	31	55,263	40,803	95	84,090	1,541,675			2,426
1987			14,188			38,042			1,573,277			2,151

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

² Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

³ Funding for this program is no longer available.

⁴ Latest data available as of September 30, 1978.

⁵ Discontinued.

Farmers Home Administration.

Table 617.—Loans to farmers' cooperative organizations:¹ Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1972-87²

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
1972.....	928,696	1,064,795	1980.....	4,369,672	3,777,786
1973.....	1,148,266	1,149,539	1981.....	5,215,863	4,289,665
1974.....	1,306,431	1,283,396	1982 ¹	4,195,537	4,927,878
1975.....	1,391,100	1,595,388	1983.....	3,086,662	5,115,004
1976.....	2,109,854	1,878,007	1984.....	4,247,476	4,736,128
1977.....	2,721,034	2,340,635	1985.....	3,966,367	4,650,183
1978.....	2,900,182	2,831,537	1986.....	2,851,369	4,912,440
1979.....	3,028,524	3,188,501	1987.....	2,416,795	4,688,297

¹ Data for 1982 are net of unearned income.

² Includes Puerto Rico.

Farm Credit Administration.

Table 618.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1972-86¹

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	Thousands	Percent	Dollars		Thousands	Percent	Dollars
1972.....	2,459	86	6.27	1980.....	2,280	94	10.80
1973.....	2,454	87	6.45	1981.....	2,316	95	11.50
1974.....	2,474	88	7.16	1982.....	2,304	97	12.80
1975.....	2,282	91	7.87	1983.....	2,277	96	14.40
1976.....	2,289	92	9.00	1984.....	(^a)	(^a)	15.60
1977.....	2,258	92	9.62	1985.....			16.40
1978.....	2,262	93	10.30	1986.....			(^a)
1979.....	2,273	94	10.60				

¹ Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

² Series discontinued.

National Agricultural Statistics Service.

Table 619.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1972-86

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins ¹	Total utility plant
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1972.....	2,025,431	1,556,061	93,324	224,069	185,756	8,313,068
1973.....	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974.....	2,905,127	2,387,240	128,036	262,013	180,481	10,109,357
1975.....	3,887,688	3,257,727	181,127	291,742	216,682	11,845,119
1976.....	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977.....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978.....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979.....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980.....	9,706,783	8,149,570	706,931	588,533	396,977	28,444,246
1981.....	11,759,376	9,828,959	920,760	685,295	518,996	34,633,972
1982.....	13,982,508	11,291,946	1,328,619	803,108	853,332	40,045,511
1983.....	15,736,190	12,590,141	1,576,040	905,907	914,055	45,066,850
1984.....	18,002,160	14,537,839	1,871,276	1,009,377	1,043,918	48,277,970
1985.....	19,192,639	15,400,874	2,142,551	1,112,915	968,126	51,467,029
1986.....	19,942,767	15,837,161	2,381,503	1,243,538	949,786	54,498,999

¹ Beginning 1972, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

Table 620.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1972-86¹

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1972.....	1,007	2.23	22.50	1977.....	1,211	3.68	48.10	1982.....	1,355	6.19	83.90
1973.....	1,048	2.31	24.20	1978.....	1,234	3.98	53.20	1983.....	1,427	6.48	92.50
1974.....	1,084	2.66	28.80	1979.....	1,290	4.24	55.10	1984.....	1,440	6.83	98.00
1975.....	1,150	3.07	35.30	1980.....	1,313	4.72	61.90	1985.....	1,450	7.17	104.00
1976.....	1,305	3.35	43.70	1981.....	1,307	5.34	69.80	1986.....	(²)	(²)	(²)

¹ Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

² Series discontinued.

National Agricultural Statistics Service.

Table 621.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1972-86

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin ¹	Total telephone plant ²
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	822	464,764	256,688	33,752	110,586	62,879	2,569,801
1973.....	881	555,318	307,457	41,246	127,728	78,501	2,964,312
1974.....	848	659,732	366,052	53,830	146,475	91,261	3,422,353
1975.....	858	753,100	422,396	66,202	166,709	95,454	3,849,740
1976.....	876	899,335	703,300	85,706	196,087	112,397	4,373,731
1977.....	896	1,086,604	854,119	101,996	232,251	131,485	5,073,923
1978.....	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979.....	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980.....	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150
1981.....	949	2,042,065	1,136,675	192,568	423,536	261,556	8,033,999
1982.....	950	2,388,847	1,407,406	215,923	483,498	313,599	8,997,003
1983.....	949	2,642,505	1,516,428	231,580	557,548	369,061	9,531,783
1984.....	946	2,910,194	1,665,204	247,370	603,913	453,002	10,194,739
1985.....	942	3,106,223	1,793,557	261,690	627,547	492,001	10,670,875
1986.....	935	3,180,792	1,840,849	265,183	642,118	514,495	10,917,495

¹ Includes other income and deductions (net) unregulated and extraordinary and delayed items beginning 1984.² Investment in physical plant and related facilities.

Rural Electrification Administration.

Table 622.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1972-87

Year	Total advances as of Jan. 1 ¹		Operating statistics as of Jan. 1			Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
1972.....	1,697,908		813	15,460	2,428,868	464,764
1973.....	1,820,970	17,492	822	16,300	2,574,814	555,318
1974.....	1,933,685	80,832	831	17,446	2,725,030	659,732
1975.....	2,070,171	307,379	848	19,580	2,919,113	753,100
1976.....	2,211,707	334,737	858	20,045	3,045,292	899,335
1977.....	2,370,610	429,329	876	21,188	3,283,223	1,086,604
1978.....	2,528,906	515,020	895	23,475	3,599,069	1,305,261
1979.....	2,674,893	660,210	902	26,270	3,877,060	1,539,743
1980.....	2,892,056	793,682	919	27,536	4,072,709	1,757,740
1981.....	3,150,443	997,293	936	28,441	4,262,359	2,042,065
1982.....	3,415,708	1,136,115	949	28,677	4,374,947	2,388,847
1983.....	3,639,548	1,242,381	950	28,905	4,545,576	2,759,681
1984.....	3,819,768	1,339,880	949	28,967	4,628,778	2,642,505
1985.....	4,062,228	1,421,596	946	28,743	4,746,909	2,910,194
1986.....	4,132,786	1,488,332	942	28,297	4,792,145	3,106,223
1987 ²	4,375,927	1,555,382	935	27,905	4,832,686	3,180,792

¹ Cumulative from organization, Oct. 28, 1949.² Actual funds advanced out of loans approved, as shown in table 624.

Rural Electrification Administration.

Table 623.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1987 and revenues for 1986, by States and Territories¹

State and Territory	Total advances as of Jan. 1, 1987 ²		Operating statistics as of Jan. 1, 1987		Revenues for 12 months ending Dec. 31, 1985 ³
	REA	RTB	Borrowers reporting	Total subscribers	
	1,000 dollars	1,000 dollars	Number	Number	1,000 dollars
AL	110,505	51,689	25	124,470	60,046
AK	92,327	58,144	12	60,154	94,466
AZ	51,994	54,982	4	102,873	123,612
AR	72,804	43,982	16	178,194	165,650
CA	72,082	40,148	13	45,640	51,981
CO	38,122	17,333	17	27,300	22,713
CT	0	0	0	0	0
DE	0	0	0	0	0
FL	38,596	32,803	6	80,953	64,943
GA	197,665	88,628	26	300,955	199,477
HI	0	0	0	0	0
ID	27,424	7,720	11	15,884	12,534
IL	66,743	17,081	23	80,790	46,200
IN	87,050	16,295	27	78,409	38,064
IA	119,473	26,958	82	160,479	81,072
KS	152,114	35,768	31	135,151	94,173
KY	200,873	38,611	16	176,977	86,689
LA	75,464	26,283	18	86,121	67,653
ME	23,286	22,688	13	67,095	38,451
MD	2,061	2,299	1	3,688	1,831
MA	1,874	520	1	2,144	1,093
MI	74,202	31,526	30	118,779	55,566
MN	205,527	65,268	64	263,686	143,478
MS	73,321	8,282	17	56,862	29,891
MO	158,846	40,637	22	237,068	142,457
MT	140,240	2,064	12	36,928	38,074
NE	89,304	21,967	33	70,164	41,535
NV	5,302	7,301	4	5,926	6,743
NH	11,203	8,460	6	20,323	12,426
NJ	14,295	16,554	3	33,306	30,733
NM	125,139	0	8	22,066	30,183
NY	37,048	32,369	27	110,267	57,162
NC	167,763	56,036	19	288,230	148,924
ND	135,359	13,952	13	63,765	41,342
OH	24,352	3,567	15	17,451	8,907
OK	169,652	78,483	29	140,943	99,142
OR	44,490	29,325	23	58,504	43,752
PA	64,564	145,248	24	267,060	172,099
RI	0	0	0	0	0
SC	169,280	80,848	19	198,116	101,874
SD	127,487	14,490	20	54,275	34,575
TN	202,184	51,753	21	196,976	92,183
TX	368,804	97,048	45	180,260	288,733
UT	36,463	3,622	7	10,274	8,887
VT	4,766	6,645	5	11,961	7,385
VA	56,075	14,963	10	41,691	22,374
WA	32,695	12,753	15	31,574	23,242
WV	46,569	15,926	7	53,268	31,473
WI	214,747	108,734	86	296,207	146,956
WY	11,749	5,247	6	9,381	10,437
US	4,212,780	1,553,781	932	4,725,406	2,052,831
GU	37,226	1,600	1	25,013	12,492
MARIANA ISL.	10,345	0	1	4,203	3,103
PR	115,677	0	1	77,064	39,796
Total	4,375,928	1,555,382	935	4,832,686	2,108,223

¹ Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

² Actual funds advanced out of loans approved, as shown in table 636.

³ Cumulative.

⁴ Reported 942 borrowers.

Rural Electrification Administration.

Table 624.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1987¹

State	Total financing as of Jan. 1, 1987				Operating statistics for year ending Dec. 31			
	Borrowers	REA loans	RTB loans	REA guarantee commitments	Rt. mi. of line provided for by financing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
AL.....	26	141,496	94,104	11,901	147	1,691	1,691	0
AK.....	13	122,177	62,748	46,943	8	203	203	0
AZ.....	5	39,910	94,307	5,000	0	0	0	0
AR.....	21	89,937	48,594	35,744	486	2,655	452	2,203
CA.....	14	85,076	51,051	10,896	65	70	70	0
CO.....	18	45,609	23,013	0	0	0	0	0
CT.....	0	0	0	0	0	0	0	0
DE.....	0	0	0	0	0	0	0	0
FL.....	9	42,897	50,740	76,556	0	0	0	0
GA.....	27	223,417	141,896	88,241	308	5,926	5,926	0
HI.....	0	0	0	0	0	0	0	0
ID.....	12	34,350	10,520	0	501	312	182	130
IL.....	26	89,475	18,508	0	0	0	0	0
IN.....	36	94,249	26,380	0	224	2,164	468	1,696
IA.....	87	132,652	46,277	9,700	23	742	431	311
KS.....	34	197,909	43,795	20,440	180	609	609	0
KY.....	17	233,635	45,428	28,840	41	636	636	0
LA.....	19	92,607	51,192	13,651	60	2,187	2,187	0
ME.....	13	30,705	41,144	1,875	145	5,424	5,424	0
MD.....	1	2,061	2,327	0	0	0	0	0
MA.....	1	1,835	1,040	0	13	398	398	0
MI.....	34	94,499	49,375	2,953	110	619	226	393
MN.....	66	246,405	88,158	10,239	749	5,331	4,729	602
MS.....	17	91,894	15,822	5,200	42	722	722	0
MO.....	27	179,987	52,204	67,770	3	56	56	0
MT.....	12	161,280	2,144	0	60	192	192	0
NE.....	39	102,764	27,403	0	13	97	97	0
NV.....	4	7,603	8,319	0	0	0	0	0
NH.....	6	11,337	15,769	0	0	0	0	0
NJ.....	3	14,295	16,554	3,084	0	0	0	0
NM.....	8	142,959	3,134	0	30	25	25	0
NY.....	28	41,090	45,112	18,220	25	1,028	1,028	0
NC.....	20	184,666	106,047	31,158	593	6,663	6,663	0
ND.....	13	168,321	14,639	0	62	0	0	0
OH.....	17	26,862	7,116	0	203	1,519	414	1,105
OK.....	31	181,351	95,855	2,744	39	597	597	0
OR.....	27	58,728	45,756	18,228	533	1,491	992	499
PA.....	30	73,532	177,605	43,247	0	0	0	0
RI.....	0	0	0	0	0	0	0	0
SC.....	19	171,380	107,563	7,885	71	880	880	0
SD.....	20	155,424	17,833	0	28	226	226	0
TN.....	21	271,796	72,509	14,356	623	8,972	8,972	0
TX.....	59	419,622	174,680	76,131	1,341	9,158	5,745	3,413
UT.....	8	33,878	10,210	0	317	992	294	798
VT.....	5	4,785	7,154	0	0	0	0	0
VA.....	12	58,593	17,997	0	0	0	0	0
WA.....	19	37,628	19,832	0	78	543	543	0
WV.....	7	60,326	16,426	5,250	9	156	156	0
WI.....	96	241,501	150,915	23,700	166	3,371	3,371	0
WY.....	7	12,068	7,272	0	0	0	0	0
GU.....	1	57,776	3,527	0	0	0	0	0
MARIANA ISL.....	1	11,212	4,091	0	110	831	831	0
PR.....	1	115,677	15,117	0	0	0	0	0
US.....	1,037	5,119,059	2,249,207	679,454	7,429	65,336	55,196	11,140

¹ State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

Table 625.—Commodity Credit Corporation: Price support granted on 1985 crop, United States and Territories ¹

Commodity	Unit	Through Sept. 30, 1985	
		Quantity	Value
		Millions	Million dollars
Cotton, upland.....	Bale.....	8.7	2,327.8
Cotton, extra-long staple.....	do.....		14.4
Seed cotton, upland.....	Pound.....	6.3	8.2
Seed cotton, extra-long staple.....	do.....		
Wheat.....	BusHEL.....	918.3	3,116.2
Corn.....	do.....	3,294.5	8,585.4
Honey.....	Pound.....	102.0	64.6
Milk and butterfat:			
Butter.....	Pound.....	348.2	489.3
Cheese.....	do.....	594.5	763.7
Dried milk.....	do.....	956.5	783.0
Tobacco.....	do.....	390.3	425.2
Rice, rough.....	Cwt.....	76.0	624.9
Grain sorghum.....	BusHEL.....	376.3	955.2
Peanuts, farmers' stock.....	Pound.....	1,359.5	234.8
Oats.....	BusHEL.....	6.4	7.9
Barley.....	do.....	183.9	363.2
Beans, dry edible.....	Pound.....		6.6
Rye.....	BusHEL.....	5.4	11.3
Soybeans.....	do.....	529.7	2,803.0
Sugar:			
Beets.....	Pound.....	2,877.3	601.6
Cane.....	do.....	2,029.1	365.6
Special purchase programs ²		2,334.4	362.0
Total.....		16,588.4	22,709.1

¹ Consists of loans made and acquisitions under commodity loan and purchase programs.

² Commodities included in "Special purchase programs" for 1986 crop are wheat flour, corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Agricultural Stabilization and Conservation Service.

Table 626.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1972-86¹ (Inventory quantity)

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million pounds
1972.....	9	108	0	140	(²)	0	7.7	37	26
1973.....	1	18	0	70	(²)	0	.1	8	2
1974.....	(³)	17	2	6	(²)	0		1	172
1975.....	(³)	3	5	(²)	(²)				442
1976.....		21	5	(²)				(³)	453
1977.....	(³)	198	95	1	(²)			1	708
1978.....	1	237	35	77	(²)			27	658
1979.....	3	177	5	100	(²)			45	529
1980.....	4	331	244	254	(²)			44	707
1981.....	3	449	644	248	(²)			38	944
1982.....	5	503	945	429	(²)			47	1,377
1983.....	11	578	1,097	1,230	1			189	1,718
1984.....	13	401	918	296	0			106	1,489
1985.....	47	364	882	477				161	1,328
1986.....	85	326	819	1,265	874			398	995

Year	Oats	Peanuts ⁴	Rice ⁵	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned ⁶
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1972.....	172	8	.6	29.8	0	27	267	830
1973.....	121	(³)	(³)	15.7	0	19	139	394
1974.....	69	237	2.5	(²)		1	15	188
1975.....	36	365	(²)				(²)	402
1976.....	3	92	19.1				(²)	634
1977.....	(³)	(³)	18.6				34	1,104
1978.....	2		10.4	(²)	(²)		50	1,186
1979.....	3		8.1	(²)	(²)		50	1,237
1980.....	3		1.7	(²)	(²)		203	2,802
1981.....	2		(²)	(²)	(²)		191	3,779
1982.....	1		18	(²)	14		185	5,507
1983.....	1		24	1	23		376	10,597
1984.....	2		25	6	3		419	6,664
1985.....	2		43	16	124		557	8,309
1986.....	4	18	34	18	333		967	13,848

¹ Commodities which were owned by OCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

² Less than 50,000 units.

³ Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

⁴ Rough basis; includes milled rice in rough equivalent.

⁵ The total value of all commodities owned by OCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service.

Table 627.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1981-86 ¹

Commodity	Unit	1981		1982		1983	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged ²	Face amount ²
			1,000 dollars		1,000 dollars		1,000 dollars
Barley.....	1,000 bushels	26,583	49,693	28,424	61,331	10,822	22,135
Corn.....	1,000 bushels	13,463	34,297	15,485	45,889	369	1,038
Cotton.....	1,000 bales	26	6,385	51	13,093		
Seed cotton.....	1,000 pounds						
Dry beans.....	1,000 cwt						
Flaxseed.....	1,000 bushels						
Honey.....	1,000 pounds	30,878	17,863	39,023	23,584	30,619	19,012
Naval stores: Rosin.....	1,000 pounds						
Oats.....	1,000 bushels	6,978	7,289	3,988	5,259	1,377	1,749
Peanuts.....	1,000 tons	78,189	15,392	104,126	21,443	38,693	6,458
Rice.....	1,000 cwt	5,568	49,068	4,943	41,856	86	747
Rye.....	1,000 bushels	359	730	771	1,612	2,227	4,844
Sorghum grain.....	1,000 bushels	27,727	67,964	39,166	115,490	427	1,126
Soybeans.....	1,000 bushels	1,043	5,186	858	4,336		
Storage facility and equipment.....			225,865		96,217		87,908
Tobacco.....	1,000 pounds	38,486	95,100	161,444	398,330	116,490	234,206
Wheat.....	1,000 bushels	498,818	1,128,119	325,258	1,347,820	357,469	1,309,735

Commodity	Unit	1984		1985		1986	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		1,000 dollars		1,000 dollars
Barley.....	1,000 bushels	27,985	55,090	79,768	157,052	67,896	96,710
Corn.....	1,000 bushels	2,290	6,270	56,868	156,478	59,188	114,611
Cotton.....	1,000 bales					292	54,814
Seed cotton.....	1,000 pounds						
Dry beans.....	1,000 cwt						
Flaxseed.....	1,000 bushels						
Honey.....	1,000 pounds	42,299	27,436	37,129	23,513	66,789	40,510
Naval stores: Rosin.....	1,000 pounds						
Oats.....	1,000 bushels	2,060	2,511	2,301	2,866	4,139	3,791
Peanuts.....	1,000 tons	92,722	9,495	176,080	21,206	8,619	758
Rice.....	1,000 cwt	3,166	27,099	5,989	52,777	28,179	202,790
Rye.....	1,000 bushels	4,662	14,069	2,835	6,006	3,249	4,928
Sorghum grain.....	1,000 bushels	8,952	22,969	59,315	154,520	43,800	82,323
Soybeans.....	1,000 bushels			1,057	5,369	314	1,453
Storage facility and equipment.....			652,183		558,827		506,824
Tobacco.....	1,000 pounds	79,744	141,095	76,077	189,143	4,912	13,959
Wheat.....	1,000 bushels	175,455	579,085	567,662	1,907,458	374,603	640,427

¹ Includes loans made directly by Commodity Credit Corporation.² 500 or less.³ Loans through Sept. 30, 1984.

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Table 628.—Commodity Credit Corporation: Selected inventory

Program and commodity	Unit	Quantity			
		Inventory Oct. 1, 1965	Purchases	Collateral acquired from loans	Sale
Feed grains:					
Barley.....	Bushel.....	29,500	28,871	57,718	4
Corn.....	do.....	271,550	315,121	575,903	48
Corn products.....	Pound.....		233,404		23
Grain sorghum.....	Bushel.....	129,127	19,737	156,378	4
Sorghum grits.....	Pound.....		148,031		14
Oats.....	Bushel.....	1,790	946	1,744	1
Oats, rolled.....	Pound.....		12,783		
Rye.....	Bushel.....	14,428	1,265	4,056	
Total feed grains.....		446,395	760,158	795,794	98
Wheat.....	Bushel.....	501,461	86,311	518,715	17
Wheat flour.....	Pound.....	1,303	448,348		44
Wheat products, other.....	do.....		837,079		83
Rice, milled.....	Cwt.....		1,704		2
Rice, rough.....	Cwt.....	43,983	999	15,117	
Rice, brown.....	Cwt.....		160		
Cotton, extra long staple.....	Bale.....	9		12	
Upland.....	do.....	134	1,293	685	
Dairy products:					
Butter.....	Pound.....	294,959	348,248		21
Cheese.....	do.....	836,527	594,603		60
Milk, dried.....	do.....	1,447,397	956,492		1,14
Milkfat, anhydrous.....	do.....				
Total dairy products.....		2,579,383	1,899,343		1,95

Inventory transactions, programs and commodity, fiscal year 1986

		Value				
Sales ¹	Inventory Sept. 30, 1986	Inventory Oct. 1, 1985	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1986
Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
48,641	66,801	58,638	56,548	130,290	100,490	145,396
489,706	666,626	767,339	799,349	1,487,364	1,297,713	1,756,790
233,404			22,188		22,188	
44,600	259,169	359,375	48,197	440,714	121,985	724,900
148,031			14,984		14,984	
1,215	3,261	2,391	1,175	2,467	1,542	4,496
13,021			1,960		2,080	
2,143	17,588	32,318	2,615	9,028	4,628	39,405
980,761	1,013,445	1,210,111	947,016	2,069,863	1,565,610	2,670,887
176,007	923,595	1,951,115	293,195	1,902,841	642,786	3,491,148
448,632	1		47,503		47,557	
837,094			79,715		79,722	
3,045		2,207	31,754		52,159	4,099
22,652	35,217	382,956	8,524	135,297	198,512	308,914
160			27		27	
6	16	4,904		5,254	2,588	7,570
1,393	818	41,123	375,622	177,937	375,896	218,786
212,446	315,688	462,424	489,340		329,355	491,340
605,245	871,756	1,184,522	763,661		807,501	1,203,740
1,142,250	1,201,961	1,327,198	783,034		1,021,998	1,047,163
1,969,941	2,389,305	2,974,144	2,036,035		2,158,854	2,742,243

Oils and oilseeds:				
Peanuts, farmers' stock.....	Pound			
Peanut products.....	do.		3,696	
Peanut butter.....	do.	575	8,706	
Peanut oil, crude.....	do.			
Peanut oil, refined.....	do.		940	
Soya flour.....	do.			
Soybeans.....	Bushel	30,687	5,262	150,6
Totals oils and oilseeds.....		31,262	18,624	150,6
Blended foods.....				
	Pound		331,770	
Grains and seeds:				
Feed for Government facilities.....	Cwt		35	
Foundation seeds.....	Pound	389	14	
Total grains and seeds.....		389	49	
Peas, dry whole.....				
	Pound		11,384	
Honey.....	do.	140,413	218	40,7
Denatured alcohol.....	Gallon			
Sugar, cane and beet.....	Pound	254,600		
Vegetable oil products.....	do.	133	316,231	
Total inventory operations.....		3,999,365	4,712,771	1,521,6

¹ Sales do not reflect commodity donations.

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	3,696			2,950		2,950	
	8,724	557	380	5,707		5,723	365
	940			153		153	
150,626	14,213	171,044	157,617	26,092	792,835	74,357	896,922
150,626	27,573	171,601	157,997	35,502	792,835	83,183	897,287
	300,354			49,883		102,502	
	35			252		252	
	196	207	565	11		283	292
	231	297	565	263		535	292
	11,384			1,596		1,596	
40,750	92,886	86,669	103,794	152	25,765	72,673	67,533
		188,066	51,378				38,550
	316,266	96	71	110,609		110,634	47
1,521,699	5,268,386	4,808,836	6,880,364	3,070,380	5,109,782	5,494,834	10,447,356

OCC LOANS

Table 629.—Commodity Credit Corporation: Cost value of export

Commodity	Export	
	Public law 480 Title II	Total export
	1,000 dollars	1,000 dollars
Feed grains:		
Barley.....		
Corn.....	14,129	14,129
Corn products.....	17,141	17,141
Grain sorghum.....	11,976	11,976
Sorghum grits.....	14,984	14,984
Oats.....		
Oats, rolled.....	1,304	1,304
Wheat.....	64,432	64,432
Wheat flour.....	21,353	21,353
Wheat products, other.....	74,648	74,648
Rice, milled.....	20,612	20,612
Rice, rough.....		
Rice, brown and textured soy blend.....		
Cotton, extra long staple and upland.....		
Rye.....		
Dairy products:		
Butter.....		
Cheese.....	4,946	4,946
Milkfat, anhydrous.....		
Milk, dried.....	241,977	241,944
Oils and oilseeds:		
Peanut products.....		
Peanut butter.....		
Peanuts, farmer's stock.....		
Soya flour.....	158	158
Soybeans.....		

Export and domestic commodity dispositions, by type of disposition, fiscal year 1986¹

	Domestic					Total export and domestic
	Dollar sales	Transfers to other Government agencies	Donations ¹	Inventory adjustments and other recoveries (domestic)	Total domestic	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
...	99,433		1,055	1	100,489	100,489
29	1,282,782		445	357	1,283,584	1,297,713
41			5,046	1	5,047	22,188
76	108,939			1,070	110,009	121,985
84						14,984
	1,542				1,542	1,542
04			775		775	2,079
32	560,861		357	304	561,522	625,954
53			26,202	2	26,204	47,557
64			2,430	16	2,446	77,094
12			31,546		31,546	52,158
	190,157			1,244	191,401	191,401
			27		27	27
	378,428		1	55	378,484	378,484
	4,626			2	4,628	4,628
	11,329		262,730	462	274,521	274,521
46	33,158		699,781	287	733,206	738,152
			100,828	1,461	240,144	482,121
44	137,855					
			2,950		2,950	2,950
			5,723		5,723	5,723
	62				62	62
53						153
	74,313			44	74,357	74,357

Blended foods.....	102,467	102,467	.....
Grains and seeds.....			
Feed for Government facilities.....			
Foundation seeds.....	1,596	1,596	
Peas, dry whole.....			
Honey.....			
Sugar, cane and beet.....			
Vegetable oil products.....	91,026	91,026	
Total ²	682,744	682,744	

¹ Includes donations under Sections 202, 407, 416, Section 210, P.L. 85-540 and miscellaneous.

² Totals may not add due to rounding.

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			35	35	102,502
	252			252	252
253				253	253
5,565		67,037	71	72,673	1,596
13,864		19,603	5	13,864	72,673
				19,696	13,864
2,906,197	252	1,226,536	5,397	4,135,382	110,634
					4,818,126

miscellaneous donations under various other authorizations.

OCC EXPORT AND DISPOSITION VALUE

Table 630.—Commodity Credit Corporation: Loan transactions for fiscal year 1986, by commodities¹

Commodity	Unit	Loans outstanding Oct. 1, 1985 ²	New loans made	Repayments	Collateral acquired in settlement	Loans written off ³	Loans outstanding Sept. 30, 1986	
							Value ⁴	Quantity collateral remaining pledged
		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 units
Basic commodities:								
Corn	Bushel	2,766	7,795	1,226	1,448	9	7,878	3,100
Cotton	Bale	376	1,955	1,084	171		1,076	4
Seed cotton	Pound		8	8				
Peanuts	Ton	13	214	181		46	1	5
Rice	Cwt	59	766	449	131		243	34
Tobacco	Pound	2,539	360	63	499		2,336	1,064
Wheat	Bushel	4,591	1,570	551	1,856	1	3,753	1,158
Total		10,342	12,663	3,557	4,105	56	15,287	5,355
Designated nonbasic commodities:								
Barley	Bushel	425	248	79	124		470	251
Sorghum	do	567	838	73	426		906	367
Honey	Pound	33	81	6	23		86	137
Oats	Bushel	8	8	2	2		11	10
Rye	do	11	8	2	4		9	5
Sugar, beet	Pound	54	602	496		28	130	563
Sugar, cane	do	139	366	233	108		164	916
Total		1,237	2,151	893	687	28	1,776	2,249
Other nonbasic commodities:								
Soybeans	Bushel	653	2,576	1,009	787	3	1,430	286
Total		653	2,576	1,009	787	3	1,430	286
Other loans:								
Storage facility and equipment		398	1	218		6	174	
Total		398	1	218		6	174	
Grand total		12,630	17,391	5,677	5,579	93	18,667	7,890

¹ Loans made directly by Commodity Credit Corporation.² Book value of outstanding loans; includes face amounts and any charges paid.³ Includes transfers to accounts receivable.

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Table 631.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1972-86¹ (Loans quantity)

Year ²	Barley	Corn	Cotton ³	Dry beans	Flaxseed	Sorghum grain	Oats
	Million bushels	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million bushels
1972.....	97	735	2,411	0.7	0.4	58	199
1973.....	22	190	900	.1	.1	14	46
1974.....	4	49	960	.1	(*)	2	3
1975.....	6	110	333			6	3
1976.....	12	206	2,186			16	4
1977.....	65	765	2,576			157	60
1978.....	94	1,038	919			149	68
1979.....	73	801	710			83	46
1980.....	35	966	851			24	9
1981.....	53	1,394	1,485			181	7
1982.....	101	2,400	5,561			402	9
1983.....	124	1,460	3,134			254	8
1984.....	144	1,056	1			221	6
1985.....	226	2,811	5			392	7
1986.....	275	4,905	5			421	12

Year ²	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding ⁴
	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1972.....	878	15.0	12.8	71	746	365	2,488
1973.....	956	13.6	.5	99	561	32	11,266
1974.....	995	6.1	.1	19	365	20	681
1975.....	1,135	8.9	.1	(*)	335	32	871
1976.....	841	10.5	.1	13	585	223	1,786
1977.....	302	15.0	.6	65	655	740	5,414
1978.....	243	19.1	2.5	44	644	588	5,655
1979.....	608	20.2	2.1	73	696	373	4,955
1980.....	294	20.5	.4	72	678	366	4,783
1981.....	530	16.3	.3	161	596	660	7,507
1982.....	249	53.7	1.2	356	809	1,121	17,917
1983.....	228	45.0	4.6	81	1,028	1,107	12,501
1984.....	217	45.0	10.0	178	1,243	911	11,021
1985.....	946	51.2	5.0	439	1,411	1,387	20,619
1986.....	122	78.3	5.4	358	966	1,151	21,642

¹ Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

² Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

³ Includes extra-long staple.

⁴ Less than 500,000 units.

⁵ Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 632.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1972-86

Date	Inventory after revalua- tion	Loans held CCC	Total loans outstand- ing	Total invest- ment
	Million dollars	Million dollars	Million dollars	Million dollars
1972: ¹				
March.....	1,065.0	3,122.0	3,122.0	4,177.0
June.....	1,080.1	2,277.4	2,277.4	3,267.5
September.....	972.3	1,955.1	1,955.1	2,927.4
December.....	829.6	2,438.4	2,438.4	3,268.0
1973:				
March.....	660.0	2,088.7	2,088.7	2,748.7
June.....	478.7	1,143.9	1,143.9	1,622.6
September.....	439.4	703.9	703.9	1,143.3
December.....	393.7	1,265.9	1,265.9	1,659.6
1974:				
March.....	359.3	885.8	885.8	1,245.1
June.....	114.2	449.2	449.2	563.4
September.....	172.8	394.6	394.6	567.4
December.....	188.2	681.8	681.8	870.0
1975:				
March.....	253.5	619.2	619.2	872.7
June.....	416.1	333.6	333.6	749.7
September.....	453.7	506.5	506.6	960.2
December.....	402.4	871.0	871.0	1,273.4
1976:				
March.....	555.8	762.2	762.2	1,318.0
June.....	658.6	480.5	480.5	1,339.1
September.....	607.2	707.7	707.7	1,314.9
December.....	534.3	1,786.5	1,786.5	2,420.8
1977:				
March.....	682.9	1,990.5	1,990.5	2,673.4
June.....	824.9	2,142.7	2,142.7	2,967.6
September.....	984.9	3,009.0	3,009.0	3,993.9
December.....	1,104.4	5,414.0	5,414.0	6,518.4
1978:				
March.....	1,052.5	5,827.9	5,827.9	6,880.4
June.....	1,068.3	4,591.3	4,591.3	5,659.6
September.....	1,029.0	4,220.4	4,220.4	5,259.4
December.....	1,185.9	5,655.6	5,655.6	6,841.5
1979:				
March.....	1,186.2	6,245.4	6,245.4	7,431.6
June.....	1,192.4	5,328.4	5,328.4	6,520.8
September.....	1,162.2	3,885.8	3,885.8	5,048.0
December.....	1,236.8	4,954.6	4,954.6	6,191.5
1980:				
March.....	1,484.3	5,374.9	5,374.9	6,859.2
June.....	2,486.0	4,765.4	4,765.4	7,251.4
September.....	2,737.0	3,648.7	3,648.7	6,385.7
December.....	2,802.2	4,783.0	4,783.0	7,585.2
1981:				
March.....	3,066.9	5,629.3	5,629.3	8,696.2
June.....	3,587.9	3,858.5	3,858.5	7,446.4
September.....	3,726.8	3,789.7	3,789.7	7,516.5
December.....	3,778.7	7,807.4	7,807.4	11,586.1
1982:				
March.....	4,106.4	11,070.3	11,070.3	15,176.7
June.....	4,623.0	9,676.2	9,676.2	14,299.2
September.....	5,103.2	10,423.6	10,423.6	15,526.8
December.....	5,506.9	16,789.4	16,789.4	22,296.3
1983:				
March.....	5,901.5	19,389.1	19,389.1	25,290.6
June.....	7,165.2	17,222.9	17,222.9	24,388.1
September.....	10,227.4	14,075.8	14,075.8	24,303.2
December.....	10,596.6	12,801.1	12,801.1	23,397.7
1984:				
March.....	9,967.5	11,366.1	11,366.1	21,333.6
June.....	8,001.6	8,782.4	8,782.4	16,784.0
September.....	7,358.2	7,855.5	7,855.5	15,213.7
December.....	6,663.5	11,020.9	11,020.9	17,684.4
1985:				
March.....	6,399.4	12,665.7	12,665.7	19,065.1
June.....	6,517.6	11,152.1	11,152.1	17,669.7
September.....	6,920.9	12,233.2	12,233.2	19,154.1
December.....	8,308.6	20,619.5	20,619.5	28,928.1
1986:				
March.....	8,888.4	23,829.8	23,829.8	32,718.1
June.....	10,309.5	21,153.8	21,153.8	31,457.3

¹ Reflects total CCC loans and inventories.

Agricultural Stabilization and Conservation Service.

Table 633.—Agricultural Stabilization and Conservation programs: Payments received, by States, 1986

State	Payments 1,000 dollars	State	Payments 1,000 dollars	State	Payments 1,000 dollars
AL.....	79,774	MD.....	22,200	RI.....	407
AK.....	791	MA.....	5,742	SC.....	54,447
AZ.....	83,563	MI.....	220,910	SD.....	382,150
AR.....	313,718	MN.....	802,353	TN.....	98,430
CA.....	387,860	MS.....	192,553	TX.....	975,491
CO.....	233,482	MO.....	275,866	UT.....	35,973
CT.....	3,914	MT.....	365,464	VT.....	12,550
DE.....	6,971	NE.....	866,504	VA.....	42,569
FL.....	26,118	NV.....	3,452	WA.....	298,720
GA.....	116,108	NH.....	2,865	WV.....	8,367
HI.....	6,782	NJ.....	6,495	WI.....	266,424
ID.....	223,229	NM.....	61,801	WY.....	28,753
IL.....	882,518	NY.....	76,589	PR.....	647
IN.....	411,274	NC.....	90,278	VI.....	13
IA.....	1,161,182	ND.....	699,510	Undistributed.....	0
KS.....	869,799	OH.....	268,971	Total.....	11,803,380
KY.....	166,118	OK.....	391,841		
LA.....	83,845	OR.....	127,648		
ME.....	6,805	PA.....	44,575		

¹ Total may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 634.—Agricultural Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1982-86

Program and commodity	1982 1,000 dollars	1983 1,000 dollars	1984 1,000 dollars	1985 1,000 dollars	1986 1,000 dollars
Feed grain.....	713,315	1,346,083	366,739	2,860,522	5,158,038
Rice.....	155,111	277,628	191,783	577,234	418,004
Wheat.....	652,108	864,179	1,795,151	1,949,621	3,499,721
Cotton, upland.....	720,211	662,289	274,658	1,106,244	1,042,392
Wool and mohair.....	46,042	85,550	117,578	97,596	111,922
Milk indemnity.....	14	6,121	536,072	428,568	624,394
Beekeepers indemnity.....					
Appalachian region conservation.....	835				
Agricultural conservation (REAP, RECP).....	161,622	165,624	165,541	168,767	123,624
Forestry incentive.....	11,799	9,107	9,868	11,222	10,764
Emergency conservation measures.....	3,916	9,926	14,591	8,756	6,361
Drought and flood conservation.....	10				
Waterbank.....	10,347	10,136	9,785	9,667	9,357
Emergency feed.....	12,186	26,006	42	23	29,713
Emergency livestock feed.....					
Extended storage.....	907,758	55,241	333,075	248,343	446,769
Potato diversion.....					
Grand total.....	3,394,774	4,040,856	3,906,813	7,602,268	11,481,060

Agricultural Stabilization and Conservation Service.

Table 635.—Commodity Credit Corporation: Loans made in fiscal year for 1986, by States and Territories ¹

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other ²	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL		2,375	96,096	317	39		1,090	6,307	106,164
AK		1,476	140,768	21,685			6,455		170,384
AZ		1,616	174,318	37			3,961		181,230
AR								1,398	374,387
CA	1,384	1,992	251,580	200			36,741	289,146	581,046
CO	4,114	73,458		8,131			142,291	202,855	430,849
CT		192						8	196
DE	13	7,149		85			32	1,446	8,725
FL		1,014	1,401	34	1,236		431	237,668	241,784
GA	34	43,294	31,865	496	118,556		6,898	62,385	263,268
HI								299	299
ID	24,827	367					81,739	17,567	124,500
IL		1,571,403		12,431	8,097			506,056	2,097,987
IN		616,360		250			5,545	231,527	853,682
IA		1,941,984		248			245	688,371	2,630,848
KS	243	97,159	10	297,906			561,076	42,675	999,069
KY	70	91,737		2,665		120,948	2,009	23,604	241,033
LA		595	117,709	3,529			344	135,268	257,445
ME		213						210	423
MD	284	33,930		10			260	6,413	40,897
MA		4						17	21
MI	431	242,527					24,264	137,390	404,612
MN	70,414	709,123		13			314,035	471,526	1,565,411
MS		721	290,303	5,287			1,488	96,958	394,757
MO	1	200,926	44,850	89,421			28,210	219,650	583,058
MT	6,939						33,345	4,820	45,104
NE	441	1,017,175		222,211			113,103	314,645	1,667,575
NV	48						560	77	685
NH								10	10
NJ	7	4,763		16			138	1,969	6,893
NM		4,562	9,185	6,995	300		37,439	479	58,910
NY	209	44,551					5,830	2,572	53,162
NC	49	75,667	17,218	421	672	250,596	1,822	18,942	365,317
ND	146,863	43,922		30			522,819	53,444	767,078
OH	1	349,284				1,061	17,781	160,060	528,187
OK		278	51,719	10,393			313,438	1,876	377,704
OR	3,360	459					55,966	535	60,320
PA	50	34,424		2			486	13,508	48,470
PR						466			466
SC	52	27,847	15,077	31			2,312	5,711	51,030
SD	20,607	148,201		10,101			129,385	85,468	394,312
TN	25	34,368	66,046	8,670		45,835	1,760	36,102	192,806
TX		117,263	658,579	205,217	56,530		202,852	126,225	1,366,666
UT	662	319					5,258	161,985	168,224
VT		10							10
VA	519	30,539	10	136	57,481	1,177	953	11,457	102,272
WA	24,743	3,310					144,911	-1,868	171,096
WV		3,203						229	3,432
WI	66	206,636		34		5,163	2,353	49,550	262,202
WY	157	744					5,696	458	6,395
Total	396,613	7,786,080	1,966,624	907,005	234,814	425,176	2,823,008	4,801,680	19,251,000

¹ Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

² Includes storage facility loans.

Agricultural Stabilization and Conservation Service.

Table 636.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	Number	1,000 dollars
Citrus fruits (1965-66 season):		
California and Arizona Navel and miscellaneous oranges.....	3,855	335,895
California and Arizona Valencia oranges.....	3,543	157,907
California and Arizona lemons.....	2,900	183,905
Florida oranges, grapefruit, tangerines, and tangelos ¹	17,000	1,027,030
Florida limes.....	220	21,017
Texas oranges and grapefruit.....	2,500	5,242
Deciduous fruits (1986 season):		
California Bartlett pears, plums, and freestone peaches.....	2,600	176,551
California nectarines.....	815	75,650
California olives.....	1,375	62,826
California desert grapes.....	88	27,458
California Tokay grapes.....	290	1,689
California kiwifruit (imported 10-2-84).....	1,200	24,102
Colorado peaches.....	245	1,242
Florida avocados.....	330	10,176
Georgia peaches.....	126	19,892
Washington apricots.....	190	2,537
Washington sweet cherries.....	1,115	45,600
Washington peaches.....	390	4,060
Washington, Oregon, and California winter pears.....	1,817	76,584
Washington and Oregon Bartlett pears.....	1,900	30,351
Washington and Oregon prunes.....	275	2,445
Cranberries.....	922	194,606
Tart cherries.....	2,400	45,246
Hawaiian papayas.....	200	10,872
Dried fruits (1986 season):		
California dates.....	168	15,652
California dried prunes.....	2,100	78,408
California raisins.....	4,500	198,332
Vegetables (1985-86 season):		
Florida celery.....	13	38,631
Florida tomatoes.....	170	408,101
Idaho and eastern Oregon onions.....	337	40,262
South Texas lettuce.....	33	4,457
South Texas melons.....	79	51,730
South Texas onions.....	160	35,064
Texas tomatoes.....	25	5,784
Potatoes (1985-86 season):		
Colorado.....	330	49,533
Idaho and eastern Oregon.....	3,793	353,019
Maine.....	750	79,002
Oregon and Northern California.....	469	88,747
Southeastern States (Virginia-North Carolina).....	160	27,143
Washington.....	361	219,524
Nuts (1986 season):		
California almonds.....	7,100	461,568
California walnuts.....	5,400	194,490
Oregon Washington filberts.....	755	10,967
Peanuts ²	44,158	984,241
Spearmint oil (1986 season) ³	253	23,516
Total (47 Programs).....	(*)	5,901,864

¹ Includes Indian River and Interior grapefruit programs.² Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.³ Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.⁴ Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

Table 637.—Agricultural Conservation Program and Emergency Conservation Program: ¹ Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1972-78 and fiscal years 1979-85

Year	Agricultural Conservation Program ²	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1972.....	196,753	4,232	200,985
1973.....	195,000	24,900	220,529
1974.....	74,475	8,560	83,035
1975.....	138,700	7,405	146,105
1976.....	134,731	15,142	149,873
1977.....	175,347	18,952	194,299
1978.....	180,940	16,318	197,258
1979 ³	245,843	23,418	269,261
1980.....	183,686	21,816	205,504
1981.....	193,209	15,410	208,619
1982.....	168,539	4,251	172,590
1983.....	184,586	10,300	195,286
1984.....	160,278	12,638	172,916
1985.....	178,801	10,700	189,501

¹ From 1972 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

² Excludes administrative expenses. Includes Naval Stores Conservation Program, 1971-72. Includes Forestry Incentives Program in 1974, and Long-Term Agreements from 1975.

³ Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 638.—Agricultural Conservation Program and Emergency Conservation Program:
Participation and assistance, by States and Caribbean area, 1985 fiscal year

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres	1,000 dollars
AL.....	4,065	126	3,665	891	4,556	295	13	317
AK.....	49	5	90	37	127			
AZ.....	605	361	1,301	284	1,585	13	6	210
AR.....	4,061	158	2,910	373	3,282	1	(¹)	(²)
CA.....	1,784	166	4,123	443	4,566	171	47	1,424
CO.....	2,694	486	4,166	619	4,785	661	112	850
CT.....	726	15	305	47	352	8	(¹)	16
DE.....	359	17	165	39	185			
FL.....	2,959	134	2,890	403	3,293			
GA.....	5,405	124	3,908	449	4,357	341	22	708
HI.....	228	33	371	75	446	46	118	267
ID.....	1,686	182	2,440	460	2,900	143	17	381
IL.....	3,927	85	4,803	960	5,763	8	(¹)	3
IN.....	4,737	133	3,404	428	3,832	12	2	24
IA.....	7,390	182	6,772	726	7,498	998	42	827
KS.....	3,924	175	3,999	702	4,701	77	4	79
KY.....	5,956	108	3,495	731	4,226	75	1	60
LA.....	4,103	179	2,733	400	3,133			
ME.....	1,397	37	1,281	623	1,904	15	(¹)	13
MD.....	667	11	777	102	879			
MA.....	832	17	364	44	408	32	1	94
MI.....	5,996	221	3,230	462	3,692	13	1	21
MN.....	5,347	162	5,151	442	5,593			
MS.....	5,076	103	4,135	624	4,759	60	5	73
MO.....	7,814	182	7,361	595	7,956	330	29	879
MT.....	2,267	896	3,021	559	3,580	13	29	23
NE.....	3,962	369	3,849	1,173	5,022	1,138	36	1,217
NV.....	290	50	558	196	754	75	33	397
NH.....	512	29	417	32	449	8	(¹)	8
NJ.....	1,098	61	491	54	545			
NM.....	1,242	646	1,658	256	1,914	16	27	65
NY.....	4,129	98	3,776	707	4,483	41	8	88
NC.....	20,637	346	3,452	388	3,840	120	3	71
ND.....	4,836	413	3,189	901	3,990			
OH.....	4,396	94	2,845	498	3,343			
OK.....	4,418	246	4,125	350	4,475	49	36	75
OR.....	1,761	181	2,844	559	3,403	26	11	184
PA.....	4,288	81	3,596	464	4,060	174	4	131
RI.....	176	3	62	16	78			
SC.....	2,759	99	1,912	237	2,149	104	12	442
SD.....	4,053	354	2,263	232	2,515	411	30	254
TN.....	7,267	133	3,784	648	4,432	1	(¹)	2
TX.....	11,396	1,470	12,906	1,761	14,667	139	55	302
UT.....	1,042	150	1,800	1,671	3,471	250	38	784
VT.....	604	12	854	131	985	87	2	122
VA.....	5,704	111	2,643	289	2,932			
WA.....	2,250	221	3,847	358	4,205	7	3	17
WV.....	3,178	45	1,296	185	1,481	53	2	16
WI.....	5,173	94	3,943	493	4,436	58	2	46
WY.....	717	209	1,164	384	1,548	55	22	189
US.....	179,942	9,774	144,044	23,381	167,425	6,144	775	10,699
PR.....	696	9	432	39	471			
VI.....	9	1	16	0	16			
Total.....	180,647	9,784	144,492	23,420	167,912	6,144	775	10,699

¹ Less than 500 acres served.

² Less than \$500.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 639.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1985 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
AL	815	24,022	384	171	2,338		
AK	32	3,954		18	101	288	
AZ	390			16		36	19,249
AR	339	8,891		730	23		48,893
CA	1,460	5,980	689	138	90	762	70,189
CO	3,329	19,108	5	68	676	55	96,332
CT	50	1,172		2	92		21
DE	1	13,325	37	35	4		
FL	34	5,997		641	1,454		11,012
GA	291	7,070	90	25	4,748		
HI	145			7	122	1,480	222
ID	111	55,558	6	134	2,860	11	47,296
IL	2,097	20,568	359	590	13,232	65	
IN	1,028	51,055	49	1,620	11,439	37	
IA	827	89,621	361	285	4,565		
KS	3,769	2,584	262	51	9,054	785	13,212
KY	1,685	23,889	12	292	8,551		
LA		28,445	45	1,462	1,447		12,495
ME	1,436	13,232		102	2,637		
MD	287	20		36	1,609		
MA	33	935		5	6		181
MI	3,262	87,581	2,397	498	6,009	2,303	
MN	1,152	76,377	3,374	362	12,418	15,269	
MS	1,306	12,106	203	1,611	1,379		
MO	1,379	11,850	428	336	5,897		
MT	122	29,985	46	12	3,493	2,020	38,592
NE	4,559	1,266	15	135	9,784	3,618	22,447
NV				3			23,933
NH	85	125	17	7	131		
NJ	385	731		11	2,086	44	94
NM	11,316	5,363		175		90	26,886
NY	4,145	20,220	100	98	1,988	56	443
NC	299	59,516	31	137	5,251	279	
ND	4,244	49,643	9,650	2	22,255	47,561	1,142
OH	187	38,093	95	1,743	9,029	741	
OK	10,833	2,983	55	419	25,538	873	7,770
OR	1,351	30,158	2	196	1,394	566	17,409
PA	5,657	10,058	5	195	7,023		
RI	30	60		3	14		
SC	5	34,714	25	4	1,885	559	
SD	490	44,199	2,511	6	3,371	11,892	1,167
TN	1,986	44,177	11	960	3,986		
TX	21,889	2,849	6	313	24,715	45	141,971
UT	41	2,498	12	19			35,603
VT	838	594	590	106	252		
VA	256	25,527	18	35	3,929	58	
WA	169	68,833	43	80	896	964	15,758
WV	90	739	69	1	176		
WI	1,326	35,868	1,060	140	11,820	2,807	
WY		1,864				16	30,377
US	95,243	1,075,903	23,062	14,061	230,357	93,932	682,697
PR							35
VI							
Total	95,243	1,075,903	23,062	14,061	230,357	93,932	682,732

Table 639.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1985 fiscal year—Continued

State or Territory	Regular and long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
AL.....	27,481	1,797	12,026	1,468	79	892	11,543
AK.....	649	39					
AZ.....	128	158,388			14		
AR.....	17,615	28,970	756	130	678		19
CA.....	1,529	21,669	410	454	32		
CO.....	6,964	29,293	27		46	109	20,894
CT.....	1,014	178	18	94	1	203	
DE.....	174	89	13				39
FL.....	18,962	1,909	13,940	1,703	1		1,292
GA.....	19,073	15,912	13,762	1,062	94		21,287
HI.....	206	12,629					883
ID.....	13,879	19,711	34	42	5	837	6,875
IL.....	7,835	3,590	294	923	70	3,064	16,129
IN.....	10,787	2,993	417	3,327	197		2,411
IA.....	17,500	8,875	289	89	163	9,724	27,068
KS.....	6,994	2,974		36	99		86,746
KY.....	33,918	10,939	132	248	115	1,582	1,090
LA.....	14,596	19,547	881	81	108		828
ME.....	2,199	338	926	1,346		1,277	74
MD.....	643	397	513	199	19	1,292	16
MA.....	1,285	94	27	239		47	
MI.....	26,738	1,740	2,114	552	7	861	64
MN.....	13,152	314	5,044	1,381	167	6,053	5,986
MS.....	28,138	5,068	7,811	292	726		7,560
MO.....	48,419	17,062	163	651	350	122	40,616
MT.....	34,226	219,375	31	421	7	31,521	
NE.....	7,722	42,295	19		121	2,112	56,567
NV.....	856	20,718					
NH.....	1,044	384	13	172	3	110	6
NJ.....	2,517	313	16		2	52	351
NM.....	1,942	67,409		14	10		4,900
NY.....	20,597	782	523	894	4	8,362	369
NC.....	9,340	36,861	2,896	153	32	2,236	1,475
ND.....	45,254	1,808	119	32	53	6,453	978
OH.....	9,448	8,149	295	1,056	19	253	49
OK.....	52,187	9,698	179		805		32,928
OR.....	9,641	53,419	2,259	2,465	31		26,324
PA.....	11,313	4,706	278	1,272	8	18,999	2,613
RI.....	92	12	3	28			4
SC.....	6,625	991	8,393	3,892	66	1,886	1,551
SD.....	50,171	25,317	4	178	43	7,964	5,971
TN.....	42,279	8,362	312		575	449	6,481
TX.....	92,028	425,186	337	5	891		42,400
UT.....	1,945	69,791	20		2		3,499
VT.....	2,142		8	331	1	355	
VA.....	10,910	26,217	2,420	402	83	1,162	63
WA.....	12,773	69,227	3,124	5,876	2	10,180	3,274
WV.....	2,665	27,478	84	127	71	35	
WI.....	10,166	485	6,292	2,452	13	13,732	1,533
WY.....	3,639	36,784		14	7		
US.....	770,614	1,515,449	87,173	34,088	5,756	131,324	441,559
PR.....	893	3,439	244	14			747
VI.....	10	495					
Total.....	771,517	1,519,383	87,417	34,052	5,756	131,324	442,306

Agricultural Stabilization and Conservation Service.

Table 640.—Agricultural Conservation Program: ¹ Selected conservation practices in the Caribbean area, annual 1974

Practice	Unit
Terrace systems ²	1,000 acres
Sod waterways ²	do
Conservation tillage systems	do
Stripcropping systems	do
Establishing permanent vegetative cover	do
Cropland protective cover	do
Improving permanent vegetative cover	do
Planting trees or shrubs	do
Timber stand improvement	do
Permanent wildlife habitat ²	do
Water impoundment reservoirs	Number
Grazing land protection	do
Contour farming	1,000 acres
Diversions ²	do
Sediment retention, erosion, or water control structures	Number

¹ In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive

² Because of the change to fiscal year funding in 1979, data for the period October 1,

³ In area served.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Conservation and pollution abatement measures performed, United States and
 Fiscal 1976-85 and total 1936-85

	1976	1977	1978 *	1979 *	1980	1981	1982	1983	1984	1985	Total 1936-85
.....	335	357	435	574	491	454	427	513	388	442	38,436
.....	801	894	804	998	740	727	489	453	207	230	16,451
.....	15	30	135	302	377	717	733	919	1,009	1,076	5,252
.....	105	124	172	268	112	120	125	127	102	131	115,816
.....	1,137	1,213	1,320	1,972	900	817	714	964	667	772	72,712
.....	1,033	1,294	1,436	1,534	1,231	1,495	1,115	1,100	791	796	506,655
.....	2,471	2,995	1,798	2,790	1,933	1,961	1,723	1,823	1,337	1,519	159,754
.....	20	32	32	47	49	53	55	66	55	87	6,292
.....	25	43	43	66	62	75	54	38	25	34	5,340
.....	113	120	165	110	36	46	46	40	23	23	5,287
.....	16,504	19,740	16,323	19,136	11,565	12,271	7,423	7,020	5,987	5,756	2,448,346
.....	5,661	8,166	9,804	14,117	11,573	13,977	9,411	9,151	7,701	8,764	526,239
.....	13	10	10	25	27	24	24	20	29	35	140,053
.....	137	136	142	260	136	123	123	111	112	95	6,640
.....	7,726	9,045	9,598	15,404	14,266	15,968	12,142	12,646	12,462	14,081	3,417,192

Conservation Programs. From 1975, the data include the Regular and Long-Term Agreement Programs.
 October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

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Table 641.—Water Bank Program, Status of agreements carried out, 1976 through Sept. 30, 1986, by States

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	Number	Acres	Acres	Acres	Dollars
AR.....	223	29,854	22,560	16,294	278,940
CA.....	102	25,775	5,955	19,820	411,557
LA.....	224	31,735	10,076	21,659	404,074
ME.....	90	5,922	1,832	4,090	48,948
MI.....	114	4,822	1,381	3,441	89,436
MN.....	1,305	69,930	18,248	51,682	1,751,320
MS.....	216	39,484	15,010	24,474	335,590
MT.....	120	18,301	3,138	15,163	293,978
NE.....	84	7,539	2,615	4,924	173,399
ND.....	1,302	189,626	54,453	135,173	3,139,632
SD.....	837	106,365	22,406	83,957	1,614,990
WI.....	436	20,295	7,741	12,554	456,971
Total.....	5,063	559,648	166,417	393,231	8,998,844

Agricultural Stabilization and Conservation Service.

Table 642.—Summary of Status of agreements carried out under the Water Bank Program, 1977 through Sept. 30, 1986, by years

Program year	Number of agreements ¹	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	Number	Acres	Acres	Acres	Dollars
1977.....	676	98,858	21,212	77,646	1,674,713
1978.....	561	70,484	18,371	52,113	1,178,761
1979.....	705	77,834	21,099	56,735	1,325,070
1980.....	554	61,431	17,980	43,451	960,323
1981.....	279	26,598	8,327	18,271	395,299
1982.....	524	44,106	15,428	28,678	693,259
1983.....	492	47,215	14,855	32,360	775,701
1984.....	537	53,748	19,681	34,067	808,254
1985.....	517	56,714	21,460	35,254	808,682
1986.....	171	18,836	6,721	12,115	278,478
1987 ¹	47	3,824	1,283	2,541	80,104
Total.....	5,063	559,648	166,417	393,231	8,998,844

¹ The agreements were entered into in 1986. Since compliance could not be rendered during 1986, the agreements were given the beginning date of January 1, 1987.

Agricultural Stabilization and Conservation Service.

Table 643.—Forestry Incentives Program, practices performed, by States and Caribbean area, 1985 fiscal year and cumulative 1975-85 ¹

State	1985				Cumulative 1975-1985			
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	17,117	567	231		208,533	23,185	301	
AZ.....					13	1,321		
AR.....	13,948	1,640	781		104,258	97,184	2,761	7,981
CA.....	391	328			7,466	7,258		
CO.....		155			181	3,676	10	
CT.....	12	65		50	1,097	7,350		2,336
DE.....	530	144			3,139	844		
FL.....	22,296	315			135,635	6,210	90	
GA.....	16,739	65			167,114	15,587	12	
HI.....					250			
ID.....	88	146			512	1,792		
IL.....	185	1,711			1,923	20,872		
IN.....	106	3,236	216		2,952	54,045	362	
IA.....	12	89			2,021	5,369	29	
KS.....	11	42			406	4,133		
KY.....	187	1,447	31		2,970	45,391	180	2,121
LA.....	10,576	1,305	25		85,818	40,246	157	
ME.....	238	645			5,959	16,097		
MD.....	1,556	431			14,681	9,914		
MA.....	10	779			142	29,100		739
MI.....	1,262	658			19,659	35,010		
MN.....	707	369	96		12,658	12,017	118	648
MS.....	21,430	220	391		164,943	25,755	808	16
MO.....	278	2,108			10,303	73,172		
MT.....		115	61		102	4,125	61	
NE.....	10				514	1,715		
NV.....					296	32		
NH.....	24	649	75		29	23,469	166	
NJ.....		40			897	12,008		
NM.....		37			55	6,490		
NY.....	163	2,150			3,072	53,934	100	4,323
NC.....	13,839	684	48		177,392	16,727	182	
ND.....					207	141		48
OH.....	496	3,494	80		8,225	57,540	126	
OK.....	1,163	472			12,812	29,293		
OR.....	1,944	3,456			25,573	13,603		
PA.....	61	1,556	27		4,961	27,994	27	
PR.....	117				462			
RI.....		87			132	2,114		
SC.....	12,747	215			145,283	8,498		
SD.....		102			29	2,693		
TN.....	1,770		75		14,728	15,210	213	
TX.....	8,915	1,489			100,371	45,464		
UT.....						12		
VT.....	40	947	10		260	17,987	30	16,368
VA.....	14,228	1,222			174,996	24,355		
WA.....	2,584	65			17,676	9,008		
WV.....	172	1,294	10		4,654	86,012	10	24,094
WI.....	1,425	1,794	424		21,677	25,156	726	265
WY.....		826			4	4,314		
Total.....	167,307	37,133	2,592	50	1,667,019	1,023,442	6,460	58,999

¹ In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

Agricultural Stabilization and Conservation Service.

Table 644.—Forestry Incentives Program, participation and assistance, by States and Caribbean area, 1985 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	Number	Acres	Dollars	Dollars	Dollars
AL	483	17,915	955,232	86	955,318
AZ					
AR	428	16,969	636,822		636,822
CA	31	659	71,923		71,923
CO	8	155	6,093		6,093
CT	5	127	2,177	976	3,153
DE	17	674	73,100		73,100
FL	394	22,611	997,884		997,884
GA	402	16,804	1,144,959		1,144,959
HI					
ID	9	234	17,588		17,588
IL	85	1,896	49,165	6,881	56,046
IN	101	3,558	65,014	2,465	67,479
IA	6	75	2,910		2,910
KS	5	53	3,722		3,722
KY	63	1,665	68,512		68,512
LA	293	11,906	584,134		584,134
ME	62	883	61,291	1,768	63,059
MD	62	1,987	161,872	845	162,717
MA	68	789	24,798	2,279	27,077
MI	130	1,940	80,233	13,666	93,899
MN	47	1,174	78,714	2,126	80,840
MS	395	22,031	832,623		832,623
MO	87	2,386	56,996		56,996
MT	5	176	7,274	2,739	10,013
NE	1	19	1,177		1,177
NV					
NH	65	748	30,977	2,068	33,035
NJ	5	40	749		749
NM	3	37	2,293		2,293
NY	178	2,253	89,457	16,516	75,973
NC	490	14,821	534,761		534,761
ND					
OH	193	4,069	147,614		147,614
OK	39	1,635	61,923	2,425	64,348
OR	112	5,400	436,429	5,630	442,059
PA	113	1,644	85,301	6,687	91,988
PR	7	117	15,469		15,469
RI	13	87	4,911	608	5,519
SC	345	12,962	858,868		858,868
SD	4	102	6,245		6,245
TN	47	1,845	100,556		100,556
TX	283	10,404	318,086		318,086
UT					
VT	83	997	39,830	7,775	47,605
VA	452	15,450	579,631		579,631
WA	66	2,649	433,252	10,000	443,252
WV	91	1,476	34,754	9,212	43,966
WI	202	3,643	175,126	11,523	186,649
WY	18	826	42,566		42,566
Total	5,935	207,082	9,903,006	106,265	10,009,273

¹ Participants are net totals and will not add.

Agricultural Stabilization and Conservation Service.

Table 645.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1986

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	1,000 dollars		1,000 dollars
AL.....	1,892	NE.....	45,290
AK.....	272	NV.....	110
AZ.....	3,536	NH.....	247
AR.....	5,871	NJ.....	5,341
CA.....	5,645	NM.....	2,462
CO.....	963	NY.....	6,979
CT.....	1,160	NC.....	11,059
DE.....	6,413	ND.....	1,740
FL.....	3,032	OH.....	11,368
GA.....	4,811	OK.....	2,610
HI.....	5,210	OR.....	4,391
ID.....	2,478	PA.....	900
IL.....	12,585	RJ.....	149
IN.....	4,938	SC.....	4,823
IA.....	11,589	SD.....	1,087
KS.....	4,568	TN.....	2,270
KY.....	6,818	TX.....	7,763
LA.....	3,189	UT.....	1,819
ME.....	723	VT.....	399
MD.....	22,551	VA.....	5,167
MA.....	3,348	WA.....	3,362
MI.....	4,704	WV.....	2,050
MN.....	60,538	WY.....	11,249
MS.....	2,551	Caribbean ¹	492
MO.....	11,870		1,826
MT.....	2,087	Total.....	328,424

¹ Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 646.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1972-86

Year ¹	Number districts organized ²		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	Number	Number	1,000 acres	1,000 acres
1972.....	-3	3,024	11,213	1,835,617
1973.....	-62	2,962	375,498	2,211,110
1974.....	-15	2,947	657	2,211,767
1975.....	-5	2,942	1,968	2,213,735
1976.....	-2	2,940	2,450	2,216,185
1977.....	-3	2,937	1,578	2,217,763
1978.....		2,937	-2,735	2,215,028
1979.....		2,937		2,215,028
1980.....	-5	2,932	-3,602	2,211,426
1981.....	5	2,932	7,649	2,219,075
1982.....	1	2,938	44	2,219,119
1983.....		2,939		2,219,119
1984.....	2	2,941	135	2,219,254
1985.....	1	2,940	100	2,219,154
1986.....	7	2,947	15,344	2,234,498

¹ Fiscal years July 1 to June 30 to 1976; Oct. 1 through Sept. 30 through 1986.² Totals at the end of each year are net, including corrections and adjustments made during the year. Soil Conservation Service.

Table 647.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1986

State or Territory	Date district law became effective	Districts organized ¹	Approximate area and number of farms within organized districts	
			Total area	Farms (and ranches)
		Number	1,000 acres	Thousands
AL	Mar. 18, 1939	67	82,454	58
AK	Mar. 25, 1947	9	375,304	1
AZ	June 16, 1941	26	69,683	9
AR	July 1, 1937	76	33,611	65
CA	June 26, 1936	120	75,302	56
CO	May 6, 1937	80	61,433	30
CT	July 18, 1945	8	3,132	4
DE	Apr. 2, 1943	3	1,266	3
DC	July 12, 1982	1	44	0
FL	June 10, 1937	62	33,966	31
GA	Mar. 23, 1937	49	37,651	56
HI	May 19, 1947	15	4,089	4
ID	Mar. 9, 1939	51	82,654	26
IL	July 9, 1937	98	29,095	111
IN	Mar. 11, 1937	92	23,102	89
IA	July 4, 1939	100	36,012	126
KS	Apr. 10, 1937	105	52,649	74
KY	June 11, 1940	121	25,377	102
LA	July 27, 1938	42	28,102	31
ME	Mar. 25, 1941	16	17,589	7
MD	June 1, 1937	24	6,373	19
MA	June 28, 1945	16	5,011	5
MI	July 23, 1937	83	37,241	60
MN	Apr. 26, 1937	91	27,799	99
MS	Apr. 4, 1938	82	30,289	54
MO	July 23, 1943	112	42,579	114
MT	Feb. 28, 1939	59	89,724	23
NE	May 18, 1937	24	48,962	64
NV	Mar. 30, 1937	30	70,665	2
NH	May 10, 1945	10	5,955	3
NJ	July 1, 1937	16	4,813	10
NM	Mar. 17, 1937	47	69,008	22
NY	July 20, 1940	57	30,489	43
NC	Mar. 22, 1937	94	31,236	89
ND	Mar. 16, 1937	62	45,149	43
OH	June 5, 1941	88	25,353	96
OK	Apr. 15, 1937	89	48,726	72
OR	Apr. 7, 1939	47	60,668	38
PA	July 2, 1937	66	29,552	59
RI	Apr. 26, 1943	3	677	1
SC	Apr. 17, 1937	46	19,345	29
SD	July 1, 1937	69	49,327	40
TN	Mar. 10, 1939	95	26,450	97
TX	Apr. 24, 1939	206	169,890	174
UT	Mar. 23, 1937	38	49,229	16
VT	Apr. 16, 1939	14	5,983	7
VA	Apr. 1, 1938	44	25,630	54
WA	Mar. 17, 1939	48	37,073	29
WV	June 12, 1939	14	15,411	17
WI	July 1, 1937	72	34,858	90
WY	May 22, 1941	36	60,560	11
US		2,924	2,191,881	2,367
PR	July 1, 1946	17	2,189	32
VI	June 1946	1	110	
GU	May 31, 1984	5	125	.1
Total		2,947	2,194,315	2,389

¹ For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

² Includes 5 tribal districts.

Soil Conservation Service.

Table 648.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1986, and cumulative through Sept. 30, 1986

State or Territory	Progressive Soil Survey Program ¹		State or Territory	Progressive Soil Survey Program ¹	
	Work during year ending Sept. 30, 1986	Total to date		Work during year ending Sept. 30, 1986	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
AL.....	609,063	23,488,572	NE.....	1,474,969	42,779,838
AK.....	653,000	33,318,698	NV.....	3,135,617	47,800,943
AZ.....	1,969,206	32,187,310	NH.....	158,001	4,585,312
AR.....	859,580	30,808,953	NJ.....	0	4,633,746
CA.....	721,144	66,028,448	NM.....	1,257,462	67,863,682
CO.....	1,431,060	48,227,520	NY.....	676,874	21,756,416
CT.....	0	3,182,160	NC.....	1,078,743	22,694,238
DE.....	0	1,233,119	ND.....	1,505,688	30,808,406
FL.....	1,653,000	28,746,754	OH.....	679,747	22,924,274
GA.....	460,779	31,064,146	OK.....	310,366	45,082,066
HI.....	0	4,366,983	OR.....	1,375,342	25,942,696
ID.....	713,297	26,244,726	PA.....	112,021	26,638,645
IL.....	1,645,337	24,997,894	RI.....	0	677,120
IN.....	399,520	21,725,119	SC.....	363,826	18,546,245
IA.....	1,268,271	31,644,911	SD.....	754,488	42,267,018
KS.....	969,978	50,132,216	TN.....	717,518	23,484,431
KY.....	597,522	19,260,961	TX.....	2,575,788	15,412,221
LA.....	1,390,537	21,566,934	UT.....	4,230,293	36,494,161
ME.....	420,436	9,817,915	VT.....	116,365	4,037,506
MD.....	158,145	6,648,145	VA.....	438,383	14,416,659
MA.....	249,619	4,536,913	WA.....	352,545	30,216,040
MI.....	1,137,367	22,927,712	WV.....	412,336	11,584,706
MN.....	1,754,612	32,292,212	WY.....	515,680	25,449,025
MS.....	398,810	26,552,807	Caribbean ²	930,111	25,922,179
MO.....	1,312,647	27,398,621		0	2,274,000
MT.....	1,868,312	50,084,948	Total.....	45,593,490	1,439,088,286

¹ The National Cooperative Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 649.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1982-86 ¹

Land protected from erosion ¹	Unit	1982	1983	1984	1985	1986 ²
Cropland.....	Acres.....	13,454,067	13,613,063	18,300,000	15,051,296	15,900,000
Pasture and hayland.....	do.....	5,571,818	5,233,253	3,200,000	4,894,896	5,100,000
Range and native pasture.....	do.....	27,723,700	29,399,780	20,000,000	31,227,673	32,500,000
Woodland.....	do.....	1,889,027	1,880,353	1,000,000	1,650,993	2,000,000
Wildlife.....	do.....	2,644,401	2,454,379	n.a.	1,493,655	1,700,000
Recreation.....	do.....	127,110	173,582	33,000	88,586	190,000
All others.....	do.....	205,970	206,552		157,267	300,000
Total land protected.....	Acres.....	51,616,098	52,770,942	42,830,000	54,564,374	57,200,000

¹ SCS changed its reporting system in FY 1984. The reporting system is based on expanded reporting data from sample counties and reflects land improved (previously benefited and adequately protected) with SCS technical assistance. FY 1984 data is not directly comparable to early years.

² Includes practices applied under all programs on which SCS provides technical assistance.

n.a. not available.

Soil Conservation Service.

Table 650.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1986

State or Territory	Cropland	Pasture and hayland	Range native pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	211,474	173,672	200	180,959	22,635	2,967	3,396	594,708
AK.....	2,256	1,867	0	0	0	0	0	4,123
AZ.....	38,754	813	1,216,223	0	22,494	4	5	1,278,296
AR.....	60,000	10,000	0	10,000	10,000	0	0	90,000
CA.....	196,125	25,801	59,352	0	0	0	0	281,278
CO.....	448,669	61,648	662,942	3,262	4,144	467	17,429	1,198,561
CT.....	2,203	132	0	67	65	5	924	3,396
DE.....	29,377	463	0	123	31	89	496	30,581
FL.....	90,000	30,000	0	0	10,000	0	0	130,000
GA.....	762,347	142,554	311	121,292	52,798	1,868	7,299	1,688,699
HI.....	30,706	27,491	29,009	0	0	0	0	97,206
ID.....	50,000	15,000	10,000	0	10,000	0	0	85,000
IL.....	437,832	43,867	70	17,216	27,082	9,847	3,393	539,307
IN.....	253,638	20,799	88	11,567	25,528	1,368	1,685	314,671
IA.....	890,697	20,573	21	1,959	20,357	94	2,471	936,172
KS.....	767,216	35,633	596,532	1,567	18,922	2,847	5,913	1,428,620
KY.....	287,353	188,641	69	45,475	3,998	572	9,373	535,481
LA.....	506,659	114,653	10,268	229,042	294,615	293	1,208	1,946,768
ME.....	10,000	10,000	0	3,859	10,000	0	0	33,859
MD.....	95,819	3,971	0	4,116	3,778	87	3,591	111,362
MA.....	5,524	1,453	0	325	30	0	1	7,333
MI.....	244,391	25,908	282	24,855	8,465	1,105	1,797	306,803
MN.....	50,000	40,000	0	5,000	10,000	0	0	105,000
MS.....	322,554	144,594	1,182	96,074	38,287	1,003	466	603,160
MO.....	327,282	215,354	716	9,730	39,759	182	1,199	575,222
MT.....	355,748	86,296	707,771	77,224	1,075	26	458	1,228,596
NE.....	40,000	29,000	190,000	5,000	19,125	0	0	283,125
NV.....	38,344	58,947	121,327	0	2,155	5	128	239,806
NH.....	4,538	3,579	0	11,410	456	311	170	30,464
NJ.....	49,370	2,101	0	129	30	535	454	52,619
NM.....	117,947	51,170	3,680,868	22,240	42,031	2,777	1,640	3,918,673
NY.....	105,577	11,543	354	3,554	545	252	1,314	123,139
NC.....	177,854	18,137	0	14,298	1,998	385	2,896	215,570
ND.....	1,094,045	153,160	407,314	44	42,412	111	19,315	1,696,401
OH.....	228,263	27,490	55	11,740	3,827	323	1,133	273,031
OK.....	645,591	189,296	192,065	4,375	11,112	18	102	1,042,579
OR.....	100,000	25,000	100,000	5,000	30,000	0	0	250,000
PA.....	180,319	36,957	54	9,398	5,336	3,081	5,896	241,041
RI.....	222	9	0	0	0	1	0	232
SC.....	126,912	32,656	0	42,344	7,175	356	363	209,806
SD.....	481,110	161,185	872,004	219	25,147	12	28,272	1,568,540
TN.....	276,991	193,938	0	102,073	2,557	565	940	577,064
TX.....	5,039,441	2,323,896	21,631,450	812,840	918,224	61,296	150,236	30,307,384
UT.....	13,019	26,704	201,398	25	17	2	0	248,165
VT.....	6,287	3,947	1	89	233	54	173	10,794
VA.....	130,599	85,678	0	18,274	7,908	1,387	3,995	247,841
WA.....	288,876	30,484	360,091	120,763	11,609	21	173	812,017
WV.....	5,917	40,122	42	2,247	434	207	2,558	51,527
WI.....	100,000	40,000	0	5,000	30,000	0	0	165,000
WY.....	60,861	116,747	1,151,761	1,999	77,632	565	967	1,410,522
Caribbean ¹	21,524	16,301	19,656	10	20	0	0	57,511
Total ²	15,915,231	5,101,462	32,234,101	2,035,784	1,744,444	95,287	281,753	57,408,902

¹ Puerto Rico and Virgin Islands.

² Land protected is an optional reporting item; therefore not available from all States.

Soil Conservation Service.

Table 651.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1986, and cumulative through Sept. 30, 1986

State or Territory	Program, year ending Sept. 30, 1986		
	New SCD cooperators,		New conservation plans ¹
	Number	Acres	Acres
AL.....	1,419	122,822	96,233
AK.....	8	984,562	1,650
AZ.....	38	187,470	770,546
AR.....	1,278	13,555	117,329
CA.....	841	290,556	387,247
CO.....	222	117,053	833,790
CT.....	28	1,823	8,124
DE.....	83	9,052	22,193
FL.....	2,080	2,242,016	211,604
GA.....	645	124,879	41,195
HI.....	185	22,429	115,616
ID.....	0	0	0
IL.....	359	22,132	217,413
IN.....	95	12,011	238,634
IA.....	970	270,886	222,874
KS.....	574	210,751	520,170
KY.....	443	63,738	252,856
LA.....	52	805,398	264,453
ME.....	16	199,622	34,331
MD.....	301	25,125	127,618
MA.....	16	2,844	4,091
MI.....	945	26,773	213,487
MN.....	307	12,561	183,499
MS.....	641	50,756	75,229
MO.....	1,354	381,871	454,624
MT.....	96	221,804	853,644
NE.....	166	246,474	635,940
NV.....	42	45,588	326,109
NH.....	325	41,893	16,595
NJ.....	6	39,274	51,704
NM.....	65	476,728	836,496
NY.....	1,243	180,476	132,010
NC.....	2,194	332,168	143,816
ND.....	397	132,463	203,023
OH.....	83	31,540	202,904
OK.....	401	241,526	274,438
OR.....	825	95,629	225,055
PA.....	327	9,171	177,515
RI.....	55	2,347	468
SC.....	677	64,525	49,821
SD.....	103	154,596	494,041
TN.....	1,140	261,725	319,899
TX.....	459	1,176,684	1,669,519
UT.....	15	7,382	85,700
VT.....	1	2,912	7,726
VA.....	261	13,773	67,102
WA.....	75	13,413	547,888
WV.....	71	12,356	53,398
WI.....	1,149	169,485	55,970
WY.....	59	134,769	827,108
Caribbean ²	599	1,577	11,451
Total.....	23,686	10,250,256	13,663,143

¹ Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 652.—Great Plains Conservation Program: ¹ Status of cost-share contracts, by States, year ending Sept. 30, 1986

State	Designated counties	Active land treatment contracts in operation	
		1986	
	Number	Number	1,000 acres
CO.....	38	487	1,325,844
KS.....	62	624	466,067
MT.....	40	386	2,524,100
NE.....	61	531	796,500
NM.....	19	179	2,161,704
ND.....	38	534	978,389
OK.....	43	781	475,254
SD.....	51	692	2,814,748
TX.....	147	1,222	2,065,153
WY.....	19	210	1,715,256
Total.....	518	5,616	15,313,071

¹ As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).
Soil Conservation Service.

FOOTNOTES FOR TABLE 655

¹ Data may not add to totals because of rounding.

² Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are Pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet in width.

³ Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

* Includes Indian lands.

* Includes Alaska.

* Includes Hawaii.

Forest Service.

Table 653.—Watershed protection¹ and flood prevention projects:² Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1986

Item	Unit	Watershed and Flood Prevention Projects
Flood prevention projects in operations during year.....	Number.....	105
Projects in operation during year.....	do.....	580
Land protected from erosion:		
Cropland.....	Acres.....	323,768
Pasture and hayland.....	do.....	98,640
Range and native pasture.....	do.....	129,837
Woodland.....	do.....	19,145
Wildlife.....	do.....	27,594
Recreation.....	do.....	948
Other.....	do.....	1,634
Total land ³	do.....	601,566

¹ As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

² All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of Sept. 30, 1985, work in two watersheds were completed.

³ Land protected data included in Table 656 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

Table 654.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1985 and 1986 and cumulative to Sept. 30, 1986¹

Practices and measures ²	Unit	Total completed or acquired		
		During year ending Sept. 30, 1985	During year ending Sept. 30, 1986	Cumulative to Sept. 30, 1986
Fire protection:				
Roads and trails (constructed or rebuilt).....	Miles.....	64	4	1,801
Firebreaks.....	do.....		15	3,206
Telephone lines.....	do.....			306
Large water-storage tanks.....	Number.....		9	184
Lookout towers.....	do.....			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.).....	do.....			159
Pumps.....	do.....			32
Radios (mobile and stationary).....	do.....			416
Mobile equipment.....	do.....		14	197
Helipads and heliports.....	do.....			453
Stabilization of roadsides.....	Miles.....	37	64	4,454
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs.....	Acres.....	4,513	3,622	925,905
Emergency seeding following fire ³	do.....			1,048,981
Mountain channel control:				
Barriers.....	Number.....			1,093
Planting.....	Square yards.....			324,434
Channel clearing ⁴	Acres.....			296,717
Channel stabilization.....	Linear feet.....			1,197,419
Forest management: Owner participation.....	Number.....	2,425	2,835	223,576

¹ Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

² These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

³ Includes treatment of watersheds following fire or other disaster under the provisions of section 403 of the Agricultural Credit Act of 1978.

⁴ Totally for flood repair work in the state of Utah.

Forest Service.

Table 655.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977¹

Region	Total forest land ²	Commercial timberland ³							
		All owner-ships	Federal			State, county, and municipal ⁴	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	32,461	30,985	770	706	64	1,817	38,898	9,726	19,172
Middle Atlantic.....	50,686	46,415	1,505	1,338	167	4,554	40,855	3,206	37,149
Lake States.....	51,544	47,579	5,766	5,382	384	12,869	38,944	4,177	34,767
Central.....	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North.....	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic.....	48,710	47,677	3,850	3,026	824	930	42,997	5,811	37,096
East Gulf.....	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf.....	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf.....	64,632	49,569	4,496	3,790	704	844	44,229	12,475	31,755
South.....	206,875	188,046	14,300	10,955	3,346	3,430	170,915	36,245	134,070
Pacific Northwest ⁵	172,136	53,283	27,516	23,329	4,187	7,067	18,101	9,841	8,260
Pacific Southwest ⁶	42,138	17,251	8,446	8,168	278	680	5,122	2,687	2,435
Northern Rocky Mtn.....	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn.....	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West.....	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions.....	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 473.

Table 656.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977¹

Region	Growing stock ²			Sawtimber ³		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
New England.....	41,948	23,383	18,464	75,507	43,800	31,707
Middle Atlantic.....	56,461	7,606	48,856	101,959	17,094	84,865
Lake States.....	44,517	11,901	32,616	97,766	30,984	66,782
Central.....	30,319	1,684	28,635	83,788	4,625	79,163
North.....	178,145	44,574	128,571	359,021	96,594	262,517
South Atlantic.....	59,988	23,333	36,655	171,401	74,817	97,084
East Gulf.....	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf.....	51,977	28,555	28,422	162,351	87,908	74,448
West Gulf.....	49,910	25,845	24,067	168,478	104,724	63,754
South.....	202,009	97,136	104,873	614,769	341,023	273,686
Pacific Northwest ⁴	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest ⁵	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn.....	68,699	67,942	757	369,646	367,567	2,079
Southern Rocky Mtn.....	31,116	26,993	4,122	120,524	112,612	7,711
West.....	335,814	314,069	21,745	1,605,211	1,547,882	57,329
All regions.....	710,968	455,779	255,189	2,878,940	1,985,408	593,532

See footnotes on page 473.

Table 657.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977 ¹

Species	Total West	Pacific Northwest ²	Pacific Southwest ³	Northern Rocky Mountain	Southern Rocky Mountain
Softwoods:	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Douglas-fir.....	514,317	352,954	72,938	14,284	14,160
Ponderosa and Jeffrey pine.....	192,070	68,640	51,300	34,886	37,246
True fir.....	214,540	88,770	71,951	39,551	14,268
Western hemlock.....	256,924	249,397	627	6,873	27
Sugar pine.....	25,001	4,585	20,410		6
Western white pine.....	16,779	5,055	1,245	10,407	72
Redwood.....	22,007	573	21,434		
Sitka spruce.....	50,459	50,191	263		
Engelmann and other spruce.....	78,492	16,318	9	28,157	34,908
Western larch.....	30,322	12,536		17,786	
Western redcedar.....	43,842	33,326	101	10,415	
Inconce cedar.....	12,687	3,098	9,588		6
Lodgepole pine.....	71,435	15,061	4,142	40,849	11,383
Other.....	19,009	11,388	1,608	4,381	1,637
Total.....	1,547,882	911,892	255,611	267,567	112,812
Hardwoods:					
Cottonwood and aspen.....	14,179	4,479	52	1,938	7,709
Red alder.....	21,559	21,380	179		
Oak.....	5,365	935	4,430		
Other.....	16,226	11,639	4,444	141	2
Total.....	57,329	38,434	9,105	2,079	7,711
All species.....	1,605,211	950,326	264,716	269,646	120,524

¹ International ¼-inch log rule. Data may not add to totals because of rounding.² Includes Alaska.³ Includes Hawaii.

Forest Service.

Table 658.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976 ¹

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
Roundwood products:	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet ²</i>	<i>Million board feet ²</i>	<i>Million board feet ²</i>
Sawlogs.....	6,332	4,987	1,345	37,826	30,478	7,349
Veneer.....	1,322	1,226	96	8,694	8,124	570
Pulpwood.....	3,356	2,350	1,006	9,978	7,314	2,564
Other industrial.....	343	226	117	1,456	1,012	445
Fuelwood.....	334	63	272	698	135	563
Total.....	11,687	8,852	2,835	58,552	47,062	11,490
Logging residues.....	1,398	813	585	3,433	2,277	1,156
Other removals.....	1,143	381	762	3,191	1,508	1,683
Total.....	2,542	1,194	1,347	6,624	3,785	2,539
Mortality.....	3,925	2,308	1,622	12,198	8,765	3,433

¹ Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting, cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.² International ¼-inch log rule.

Forest Service.

Table 659.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976 ¹

Item and region	All species		Softwoods		Hardwoods	
	Removals ²	Growth ²	Removals ²	Growth ²	Removals ²	Growth ²
GROWING STOCK	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
New England.....	639	1,345	296	838	244	506
Middle Atlantic.....	663	1,795	108	229	560	1,566
Lake States.....	719	1,617	181	463	538	1,154
Central.....	637	1,085	25	69	612	965
North.....	2,659	5,792	705	1,600	1,953	4,192
South Atlantic.....	1,664	2,748	961	1,265	683	1,483
East Gulf.....	1,267	2,225	1,048	1,722	319	504
Central Gulf.....	1,760	2,910	1,189	1,555	621	1,355
West Gulf.....	1,780	2,721	1,304	1,616	476	1,105
South.....	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest ⁴	3,319	2,686	3,209	2,225	109	462
Pacific Southwest ⁵	835	792	818	713	17	79
Northern Rocky Mountain.....	669	1,580	669	1,964	(*)	16
Southern Rocky Mountain.....	176	409	173	325	3	84
West.....	4,990	5,168	4,870	4,527	129	641
All regions.....	14,229	21,664	10,046	12,285	4,183	9,380
SAWTIMBER	<i>Million board feet ⁷</i>	<i>Million board feet ⁷</i>	<i>Million board feet ⁷</i>	<i>Million board feet ⁷</i>	<i>Million board feet ⁷</i>	<i>Million board feet ⁷</i>
New England.....	2,061	2,773	1,355	1,775	706	996
Middle Atlantic.....	1,954	3,589	267	623	1,687	2,966
Lake States.....	2,044	4,520	523	1,473	1,516	3,147
Central.....	2,354	2,905	73	206	2,282	2,696
North.....	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic.....	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf.....	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf.....	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf.....	8,288	9,955	6,370	7,066	1,886	2,889
South.....	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest ⁴	30,164	12,655	19,796	11,225	379	1,430
Pacific Southwest ⁵	5,120	4,023	5,072	3,886	47	138
Northern Rocky Mountain.....	3,847	4,982	3,846	4,845	1	37
Southern Rocky Mountain.....	996	1,711	982	1,492	14	218
West.....	30,127	23,271	29,686	21,447	441	1,834
All regions.....	65,177	74,621	50,847	49,692	14,329	24,929

¹ Data may not add to totals because of rounding.² Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.³ The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.⁴ Includes Alaska.⁵ Includes Hawaii.⁶ Less than 500,000 cubic feet.⁷ International 1/4-inch log rule.

Forest Service.

Table 660.—Timber volume: Net volume of sawtimber on comm

Species	Total East	North		
		Total	New England	Middle Atlantic
Softwoods:	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
White and red pines	35,622	30,637	14,561	5
Jack pine	2,864	2,864		
Longleaf and slash pine	51,811			1
Loblolly and shortleaf pine	244,489	2,840		2
Other yellow pines	25,264	4,984	275	1
Spruce and balsam fir	26,933	26,864	19,065	1
Eastern hemlock	19,647	18,032	6,827	5
Cypress	19,494	126		
Ponderosa and Jeffrey pine	568	568		
Other	10,534	9,589	3,072	
Total	437,526	96,504	43,800	17
Hardwoods:				
Select white oaks	54,986	27,256	870	7
Select red oaks	47,360	31,690	4,711	12
Other white oaks	37,713	12,653	85	6
Other red oaks	83,529	27,075	1,752	8
Hickory	33,645	11,705	340	3
Yellow birch	7,628	7,511	3,501	1
Hard maple	28,792	27,443	7,038	7
Soft maple	28,424	20,390	5,166	7
Beech	16,780	12,547	2,435	5
Sweetgum	32,461	1,387		
Tupelo and black gum	26,939	1,511		
Ash	17,801	10,557	1,473	2
Cottonwood and aspen	21,039	18,492	1,085	
Basswood	7,896	6,820	205	1
Yellow-poplar	34,111	10,752		6
Black walnut	2,205	1,647		
Black cherry	6,862	6,380	229	5
Other	48,031	26,702	2,818	4
Total	596,203	262,517	31,707	84
All species	973,729	359,021	75,507	101

¹ International ¼-inch log rule. Data may not add to totals because of rounding. Forest Service.

commercial timberland in the East, by regions and species, Jan. 1, 1977 ¹

North			South				
Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
5,215	10,797	64	4,966	5,308	885	793	
	2,963	1					
1,682		1,158	51,811	4,769	28,634	13,617	4,791
2,610		2,099	241,649	49,401	32,515	66,545	93,186
1,910	5,869		20,280	11,499	3,606	4,745	431
5,243	5,929	34	69	69			
		126	1,615	1,253	93	269	
	66	502	19,368	2,507	8,061	1,696	6,192
435	5,441	642	1,245	511	284	328	122
17,094	30,984	4,625	341,023	74,317	74,078	87,903	104,724
7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
12,117	8,227	6,636	15,670	6,118	938	5,001	3,613
6,964		5,605	25,059	8,878	3,147	6,218	6,817
8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
1,875	2,635		117	117			
7,181	10,384	2,840	1,350	636	54	601	59
7,701	4,512	3,012	8,034	4,784	1,836	994	421
5,071	1,996	3,045	4,234	1,817	226	1,173	1,017
788		619	31,974	9,553	4,854	7,272	9,395
736		775	25,428	9,390	6,834	4,227	4,987
2,967	3,190	2,928	7,243	1,830	1,239	1,949	2,226
911	13,799	2,097	2,547	279	44	1,063	1,162
1,897	3,851	868	1,078	582	84	341	71
6,399	34	4,319	23,359	14,450	3,195	5,602	114
339	45	1,263	558	247	13	220	79
5,313	331	507	482	171	40	290	71
4,896	11,176	7,812	21,329	4,993	2,840	5,996	7,496
84,865	66,782	79,163	273,686	97,084	38,400	74,448	63,754
101,959	97,766	83,788	614,709	171,401	112,478	162,351	108,478

478 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1987

Table 661.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1986

State or other area	Gross area within unit boundaries	National Forest System lands ¹	Other lands within unit boundaries ²	State or other area	Gross area within unit boundaries	National Forest System lands ¹	Other lands within unit boundaries ²
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
AL	1,274	647	627	NH	819	706	114
AK	24,018	22,811	1,207	NM	10,264	9,326	1,938
AZ	11,934	11,274	659	NY	13	13	
AR	3,502	2,483	1,019	NC	3,165	1,219	1,947
CA	24,324	20,503	3,821	ND	1,106	1,106	(*)
CO	16,030	14,446	1,584	OH	833	179	654
CT	(*)	(*)		OK	461	296	166
FL	1,234	1,100	125	OR	17,481	15,614	1,866
GA	1,855	867	989	PA	743	511	232
HI	(*)	(*)		SC	1,282	611	770
ID	21,706	20,444	1,262	SD	2,347	1,997	350
IL	640	263	376	TN	1,212	636	576
IN	644	188	456	TX	1,994	782	1,243
KS	117	106	9	UT	9,130	8,043	1,086
KY	2,102	681	1,421	VT	630	325	304
LA	1,023	600	423	VA	3,226	1,637	1,588
ME	94	51	42	WA	10,045	9,137	908
MI	4,873	2,766	2,107	WV	1,851	978	873
MN	5,467	2,895	2,662	WI	2,023	1,507	516
MS	2,510	1,147	1,163	WY	9,717	9,255	462
MO	3,082	1,471	1,610	PR	55	28	28
MT	19,093	16,798	2,295	VI	(*)	(*)	
NE	442	352	90	Total	230,007	190,632	39,175
NV	5,426	5,162	264				

¹ National Forest System lands.—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters, and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

National forests.—Units formally established and permanently set aside and reserved for national forest purposes. Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

National grasslands.—Units designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

Land utilization projects.—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Units administered by the Forest Service that are not included in the above groups.

² Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

³ Less than 500 acres.

Forest Service.

FOOTNOTES FOR TABLE 656

¹ Data may not add to totals because of rounding.

² Net volume in cubic feet of live sawtimber and polelimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

³ Net volume of the saw-log portion of live sawtimber trees in board feet, International 1/4-inch log rule. Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot sawlogs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

⁴ Includes Alaska.

⁵ Includes Hawaii.

Forest Service.

Table 662.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1972-86¹

Year ending June 30 ²	Federal ³	State and county	Private owners	Total expenditures	Year ending June 30 ²	Federal ³	State and county	Private owners	Total expenditures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	20,000	104,732	818	125,550	1980.....	22,706	220,722	(*)	243,428
1973.....	20,025	116,013	847	136,885	1981.....	19,940	251,806	(*)	271,746
1974.....	20,079	130,286	(*)	150,365	1982.....	11,669	243,166	(*)	254,835
1975.....	25,182	143,866	(*)	169,048	1983.....	11,478	233,305	(*)	244,783
1976.....	22,642	167,125	(*)	189,767	1984.....	(*)	(*)	(*)	(*)
1977.....	20,659	196,304	(*)	216,963	1985.....	(*)	(*)	(*)	(*)
1978.....	30,008	181,975	(*)	211,983	1986.....	(*)	(*)	(*)	(*)
1979.....	30,565	185,627	(*)	216,192					

¹ Excludes emergency funds.² Fiscal years July 1-June 30 for 1972-76; Oct. 1-Sept. 30 for 1977-83.³ Excludes administration and inspection costs.⁴ Included in "State and county."⁵ State funds only.⁶ Not available.

Forest Service.

Table 663.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1972-86

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration ¹	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1972.....	11,184	95	182,774	83,010	1,050	691,162	25,607	359	59,581
1973.....	9,606	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974.....	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,835
1975.....	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976.....	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977.....	11,474	301	183,447	142,577	2,096	748,692	15,148	254	98,501
1978.....	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979.....	9,181	328	183,187	104,413	1,317	783,609	44,915	433	89,518
1980.....	8,908	251	183,060	141,035	2,348	805,927	79,233	2,162	115,204
1981.....	10,361	164	186,442	173,808	3,235	840,163	60,211	634	103,307
1982.....	6,463	33	186,559	90,964	1,100	843,804	73,105	950	96,431
1983.....	5,619	47	186,532	84,725	944	851,463	66,480	3,120	200,733
1984.....	8,252	97	186,384	(*)	(*)	(*)	(*)	(*)	(*)
1985.....	8,335	464	186,315	(*)	(*)	(*)	(*)	(*)	(*)
1986 ²	8,783	294	184,463	(*)	(*)	(*)	(*)	(*)	(*)

¹ As of June 30 for 1972-75; as of September 30 for 1976-86.² Not available.³ Preliminary.

Forest Service.

Table 664.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1972-86

Year ending June 30 ¹	Total timber cut ²		Value of miscel- laneous forest products ⁴	Total value including free-use timber	Year ending June 30 ¹	Total timber cut ²		Value of miscel- laneous forest products ⁴	Total value including free-use timber
	Volume	Value ³				Volume	Value ³		
	Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars		Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	11,700	861,957	566	382,946	1973.....	10,377	968,033	1,149	973,018
1973.....	12,357	473,233	515	480,124	1980.....	9,178	729,829	1,064	736,641
1974.....	10,956	508,515	519	509,916	1981.....	8,096	720,922	1,627	728,919
1975.....	9,174	365,952	1,369	368,423	1982.....	6,747	339,215	2,020	348,708
1976.....	9,575	492,029	1,224	495,367	1983.....	9,244	649,652	1,728	655,874
(*).....	(3,432)	(309,938)	(129)	(210,067)	1984.....	10,549	759,577	1,669	763,889
1977.....	10,482	732,547	1,002	735,949	1985.....	10,941	720,636	1,703	724,505
1978.....	10,080	854,682	1,174	858,474	1986.....	11,786	786,881	1,592	789,853

¹ Fiscal years July 1-June 30 for 1972-76; Oct. 1-Sept. 30 for 1977-86. ² Commercial and cost sales and land ex-
changes. ³ Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930.
⁴ Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish
moss, etc. ⁵ Includes free-use timber for 15-month period ending Sept. 30, 1976. ⁶ Transition quarter July 1,
1976-Sept. 30, 1976.

Forest Service.

Table 665.—Lumber: Production, United States, 1972-86

Year	Total	Soft- woods	Hard- woods	Year	Total	Soft- woods	Hard- woods
	Million bd. ft.	Million bd. ft.	Million bd. ft.		Million bd. ft.	Million bd. ft.	Million bd. ft.
1972.....	37,745	30,975	6,770	1980.....	35,354	28,239	7,115
1973.....	38,595	31,586	7,009	1981.....	31,672	25,420	6,252
1974.....	34,608	27,704	6,904	1982.....	30,010	24,949	5,061
1975.....	32,619	26,747	5,872	1983.....	34,553	28,926	5,627
1976.....	36,997	30,571	6,427	1984.....	37,065	30,801	6,264
1977.....	39,362	32,661	6,701	1985.....	36,445	30,479	5,966
1978.....	40,498	33,467	7,031	1986 ¹	41,602	34,202	7,400
1979.....	40,589	33,255	7,314				

¹ Preliminary.

Forest Service.

Table 666.—Timber products: Production, imports, exports, and consumption, United States, 1972-85 ¹

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports ^a	Exports ^a	Consumption
	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²	Mil-lion cu.ft. ²
1972.....	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973.....	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,875
1974.....	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975.....	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976.....	5,585	1,290	290	6,585	1,355	215	65	1,590	3,905	1,320	710	4,415
1977.....	5,950	1,675	300	7,365	1,425	210	35	1,600	3,645	1,295	725	4,320
1978.....	6,155	1,910	275	7,790	1,460	220	40	1,650	3,745	1,505	720	4,625
1979.....	6,115	1,800	340	7,580	1,370	195	45	1,520	4,110	1,635	805	4,935
1980.....	5,300	1,540	395	6,450	1,175	120	45	1,250	4,390	1,565	1,070	4,885
1981.....	4,780	1,490	380	5,885	1,180	140	70	1,250	4,125	1,515	995	4,645
1982.....	4,635	1,460	320	5,780	1,135	115	50	1,200	3,970	1,415	900	4,495
1983.....	5,370	1,915	360	6,925	1,365	160	65	1,460	4,165	1,605	965	4,905
1984.....	5,770	2,130	340	7,560	1,400	145	45	1,590	4,355	1,980	930	5,290
1985 ⁴	5,640	2,345	305	7,680	1,410	165	40	1,535	4,165	1,810	920	5,055

Year	Industrial roundwood used for—Continued										
	Other industrial products, ³ production and consumption	Logs		Pulpwood chip exports	Total				Fuelwood production and consumption	Production, all products	Consumption, all products
		Imports	Exports		Production	Imports	Exports	Consumption			
	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²	Mil-lion cu. ft. ²
1972.....	405	5	535	140	11,440	3,060	1,545	12,980	475	11,915	13,435
1973.....	405	5	575	200	11,925	3,150	1,755	13,320	505	12,430	13,825
1974.....	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025
1975.....	385	15	455	195	10,575	2,215	1,685	11,105	570	11,145	11,675
1976.....	375	15	555	245	11,920	2,840	1,870	12,895	600	12,525	13,495
1977.....	385	30	525	250	12,185	3,310	1,795	13,700	1,090	13,215	14,730
1978.....	400	20	585	225	12,570	3,755	1,845	14,485	1,570	14,140	16,055
1979.....	410	25	670	280	12,955	3,655	2,135	14,470	2,270	15,225	16,740
1980.....	390	25	560	275	12,090	3,250	2,350	12,995	3,190	15,285	16,185
1981.....	360	20	425	220	11,090	3,165	2,090	12,160	3,225	14,315	15,390
1982.....	345	20	550	175	10,825	3,015	1,995	11,840	3,480	14,305	15,320
1983.....	390	30	565	155	12,010	3,710	2,110	13,610	3,425	15,440	17,040
1984.....	410	30	600	145	12,685	4,165	2,060	14,790	3,635	16,320	18,425
1985 ⁴	400	20	655	145	12,420	4,335	2,065	14,690	(*)	(*)	(*)

¹ Data may not add to totals because of rounding.² Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board.³ Roundwood equivalent.⁴ Preliminary.⁵ Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.⁶ Not available.

Forest Service.

Table 667.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1972-86

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods ⁵	Oak, white, red, and black ⁶	Maple, sugar ⁶
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1972.....	71.70	65.60	65.80	49.90	34.30	26.60	28.60
1973.....	138.10	93.40	92.30	90.20	46.00	43.60	39.60
1974.....	202.40	76.20	100.60	110.80	45.90	54.70	75.90
1975.....	169.50	57.00	71.20	68.80	33.90	29.70	42.10
1976.....	176.20	87.00	101.80	79.70	34.90	43.40	27.70
1977.....	225.90	100.30	131.40	89.30	37.90	60.00	47.40
1978.....	250.30	134.50	164.70	113.60	41.10	59.20	60.50
1979.....	394.40	155.20	229.90	200.80	46.80	68.80	68.90
1980.....	432.20	155.40	206.10	212.70	52.40	65.60	70.10
1981.....	350.20	172.00	195.20	183.40	59.90	63.20	67.80
1982.....	118.20	127.20	66.90	44.50	56.40	70.80	71.10
1983.....	161.60	140.60	104.00	62.20	60.10	87.90	55.10
1984.....	132.90	139.40	122.70	61.80	90.10	145.00	80.50
1985.....	126.20	90.70	101.40	50.50	65.40	94.50	70.00
1986.....	160.70	103.60	156.60	74.70	69.90	106.10	66.20

¹ Western Washington and western Oregon. ² Southern region. ³ Pacific Northwest region. Includes Jeffrey pine. Prior to 1979, California region. ⁴ Pacific Northwest region. ⁵ Eastern and Southern regions. ⁶ Eastern region.

Forest Service. Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for the years 1972-83 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

Table 668.—Timber products: Producer price indexes, selected products, United States, 1972-86

[1967 = 100]

Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board	Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board
1972.....	159.4	154.9	111.5	116.3	105.5	1980.....	325.8	306.8	380.3	256.8	234.6
1973.....	205.2	194.0	128.3	121.4	115.1	1981.....	325.1	306.5	397.1	279.8	258.1
1974.....	207.1	186.8	217.8	148.6	152.2	1982.....	310.8	282.1	379.0	286.3	254.9
1975.....	192.5	200.6	283.4	172.9	170.3	1983.....	352.6	310.4	346.9	282.0	250.9
1976.....	233.0	247.6	286.0	182.3	176.0	1984.....	349.8	303.6	397.2	302.9	281.5
1977.....	276.5	295.8	281.1	194.3	176.2	1985.....	340.5	302.9	346.6	303.4	274.6
1978.....	322.4	326.4	266.5	206.1	179.6	1986 ¹	343.5	308.7	358.8	306.3	271.6
1979.....	354.3	322.3	314.3	229.6	202.1						

¹ Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

Table 669.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1972-86

Year	Number grazed ^{1 2}		Receipts from grazing ⁴	Year	Number grazed ^{1 2}		Receipts from grazing ⁴
	Cattle and horses ³	Sheep and goats			Cattle and horses ³	Sheep and goats	
	Thousands	Thousands	1,000 dollars		Thousands	Thousands	1,000 dollars
1972.....	1,633	2,049	5,515	1980.....	1,521	1,328	15,849
1973.....	1,671	1,596	6,196	1981.....	1,535	1,241	14,889
1974.....	1,580	1,470	7,796	1982.....	1,562	1,340	12,426
1975.....	1,628	1,549	7,665	1983.....	1,609	1,242	10,182
1976.....	1,690	1,750	10,909	1984.....	1,521	1,129	9,617
1977.....	1,587	1,473	11,443	1985.....	1,565	1,183	9,040
1978.....	1,557	1,284	11,037	1986.....	1,491	1,168	8,617
1979.....	1,540	1,251	12,520				

¹ Data for 1972 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-86 are number actually grazed. ² Calendar years through 1976; fiscal years Oct. 1-Sept. 30 for 1977-86. ³ Prior to 1973 data included swine; beginning 1977 includes burros. ⁴ Fiscal years July 1-June 30 for 1972-76; Oct. 1-Sept. 30 for 1977-96.

Forest Service.

Table 670.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1986, by States

State or other area	Number grazed		Receipts from grazing	State or other area	Number grazed		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	Number	Number	Dollars		Number	Number	Dollars
AL.....	439		1,108	OH.....	147		980
AZ.....	186,281	28,306	1,470,577	OK.....	4,025		19,809
AR.....	7,787		24,215	OR.....	116,130	36,159	468,806
CA.....	111,606	68,993	646,129	SC.....	81		
CO.....	201,221	226,827	909,040	SD.....	82,295	2,911	436,506
FL.....	2,974		14,188	TX.....	12,078		64,933
GA.....	1,165		3,550	UT.....	109,952	237,107	658,563
ID.....	186,986	229,983	735,052	VT.....	72	45	92
IL.....	2,105	757	489	VA.....	1,961		5,074
IN.....	116		9,295	WA.....	42,527	9,932	121,435
KS.....	5,100		177	WI.....	2,161	198	20,791
KY.....	10		15,359	WY.....	21		
LA.....	1,491	331	305		198,690	210,913	666,402
MI.....	331		453	National forests.....	1,305,141	1,134,411	7,485,125
MN.....	291		4185				
MS.....	1,417		31,333	National grasslands and land utilization project land.....	185,376	33,989	1,130,886
MO.....	5,894		592,536				
MT.....	132,179	34,072	116,664	Total.....	1,490,517	1,168,400	8,566,011
NE.....	21,603		318,551				
NV.....	62,906	49,999	928,315				
NM.....	97,589	27,077	13,902				
NY.....	1,753		493,890				
ND.....	49,393	62					

¹ Includes receipts from Oregon and California Railroad Grant Lands.
Forest Service.

Table 671.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1972-86

Year ending June 30 ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ³	Year ending June 30 ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1972.....	830,030	5,515	14,462	350,007	1979.....	827,632	12,520	40,885	881,038
1973.....	446,733	6,196	16,819	469,748	1980.....	625,407	15,849	61,619	702,875
1974.....	459,892	7,796	17,996	485,694	1981.....	581,441	14,889	84,403	680,734
1975.....	341,305	7,665	24,091	373,061	1982.....	251,021	12,425	86,777	350,224
1976.....	418,564	10,909	25,190	454,663	1983.....	398,490	10,182	86,627	495,306
(⁴).....	(196,347)	(1,164)	(7,489)	(205,000)	1984.....	544,265	9,617	83,467	637,349
1977.....	652,050	11,443	28,076	691,569	1985.....	514,560	9,040	112,347	635,947
1978.....	723,330	11,087	30,989	765,356	1986 ⁴	745,132	8,566	78,025	831,723

¹ Fiscal years July 1-June 30 for 1972-76; Oct. 1-Sept. 30 for 1977-86.

² Includes receipts from Oregon and California Railroad Grant Lands.

³ Transition quarter July 1, 1976-Sept. 30, 1976.

⁴ Preliminary.

Forest Service.

Table 672.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years¹ 1985-87²

State or other areas	1985	1986	1987	State or other areas	1985	1986	1987
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
AL.....	1,894	1,625	1,826	NM.....	1,829	1,577	1,730
AK.....	1,052	89	402	NY.....	6	4	3
AZ.....	5,153	4,187	5,678	NC.....	846	919	735
AR.....	5,783	5,234	4,667	ND.....	(³)	(³)	(³)
CA.....	44,114	36,086	46,968	OH.....	156	193	86
CO.....	2,277	2,586	2,079	OK.....	775	717	614
FL.....	2,479	2,854	1,762	OR.....	86,544	94,566	106,920
GA.....	883	878	1,009	PA.....	1,956	1,585	1,746
ID.....	8,647	7,805	7,812	SC.....	2,665	2,698	1,521
IL.....	169	96	60	SD.....	946	686	754
IN.....	146	207	121	TN.....	532	476	518
KY.....	321	431	456	TX.....	3,868	2,639	2,861
LA.....	4,671	2,406	2,551	UT.....	767	723	682
ME.....	22	33	25	VT.....	120	167	167
MI.....	1,213	1,115	1,188	VA.....	491	586	529
MN.....	863	903	638	WA.....	25,443	21,372	25,018
MS.....	6,502	6,370	5,510	WV.....	336	491	433
MO.....	1,436	1,342	1,195	WI.....	729	630	578
MT.....	7,844	5,857	7,110	WY.....	852	992	805
NE.....	87	35	83	PR.....	10	15	9
NV.....	296	290	313	Total.....	224,937	212,241	230,687
NH.....	333	486	372				

¹ Fiscal years Oct. 1-Sept. 30.² Payments under the acts of May 23, 1906 (as amended), July 24, 1956, and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.³ Less than \$500.

Forest Service.

Table 673.—National Forest System lands: Number of visitor-days,¹ by States, and Puerto Rico, for the year ending Sept. 30, 1986

State or other area	Devel- oped sites	Dispersed type	Total	State or other area	Devel- oped sites	Dispersed type	Total
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
AL.....	183	588	771	NM.....	1,919	4,097	6,016
AK.....	542	3,043	3,585	NY.....	9	14	23
AZ.....	5,358	12,093	17,452	NC.....	1,941	3,217	4,258
AR.....	454	1,759	2,214	ND.....	16	196	142
CA.....	23,719	32,027	55,746	OH.....	59	322	381
CO.....	10,079	10,080	20,159	OK.....	88	269	357
FL.....	1,546	1,091	2,637	OR.....	8,915	11,282	19,295
GA.....	399	1,916	2,315	PA.....	441	1,527	2,068
ID.....	3,101	7,241	10,342	SC.....	268	638	845
IL.....	228	714	973	SD.....	498	2,285	2,692
IN.....	188	238	425	TN.....	900	1,270	2,170
KS.....	3	18	21	TX.....	400	1,559	1,959
KY.....	649	1,514	2,163	UT.....	4,684	8,496	13,179
LA.....	141	335	476	VT.....	910	233	1,143
ME.....	22	24	46	VA.....	770	2,729	3,499
MI.....	1,072	3,125	4,197	WA.....	5,987	8,877	14,864
MN.....	1,185	3,109	4,298	WV.....	364	912	1,266
MS.....	115	1,014	1,128	WY.....	495	1,415	1,910
MO.....	422	1,272	1,694	WY.....	1,787	4,967	5,874
MT.....	2,296	6,602	8,900	PR.....	256	283	539
NE.....	42	65	107	Total.....	82,381	144,152	226,533
NV.....	867	1,282	2,149				
NH.....	992	1,268	2,260				

¹ Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.² Data may not add to totals because of rounding.

Forest Service.

Table 674.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1972–86

Year	Visitor-days ¹		Big game ²		Big game hunterharvest ³	
	Fishermen	Hunters	Deer	Others ⁴	Deer	Others ⁴
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1972.....	15,457	13,740	3,292	608	396	84
1973.....	15,761	14,232	3,065	610	376	89
1974.....	16,403	14,423	2,992	636	376	101
1975.....	16,151	14,472	2,809	647	338	97
1976.....	16,098	14,069	2,698	652	312	105
1977.....	16,029	14,517	2,723	686	291	96
1978.....	16,559	14,946	2,778	682	359	106
1979.....	16,776	15,328	2,667	668	354	101
1980.....	17,117	15,747	2,669	656	343	100
1981.....	16,973	16,413	2,791	694	355	103
1982.....	16,463	16,236	2,904	717	401	108
1983.....	15,567	16,129	2,814	746	366	113
1984.....	15,604	15,244	2,738	758	391	109
1985.....	15,845	14,610	(⁵)	(⁵)	(⁵)	(⁵)
1986.....	15,208	15,276	(⁵)	(⁵)	(⁵)	(⁵)

¹ A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Calendar years through 1977; fiscal years Oct. 1–Sept. 30 for 1978–86.

² Inventory as of April 30.

³ Fiscal years July 1–June 30 for 1972–77; fiscal years May 1–April 30 for 1978–84.

⁴ Includes antelope, bear, bison, caribou, elk, javelina, moose, mountain goat, mountain lion, sheep, wild boar, and wolf; data include alligators, beginning 1973.

⁵ Data no longer compiled.

Forest Service.

Table 675.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1972–85

Year	Pulpwood consumption ¹	Woodpulp production	Paper and board ²		
			Production	Consumption or new supply ³	Per capita consumption
	1,000 cords ⁴	1,000 tons	1,000 tons	1,000 tons	Pounds
1972.....	71,538	46,767	57,549	62,279	593
1973.....	72,596	45,327	59,303	64,577	610
1974.....	74,327	45,349	57,952	62,700	584
1975.....	65,373	43,084	50,738	54,134	501
1976.....	72,011	47,721	57,788	61,739	566
1977.....	73,935	49,132	60,485	64,940	590
1978.....	74,170	50,020	61,917	68,045	611
1979.....	77,594	51,177	64,023	69,940	621
1980.....	79,703	52,568	63,865	67,969	597
1981.....	79,359	52,790	64,582	68,793	599
1982.....	77,573	50,966	60,965	65,232	561
1983.....	83,493	54,055	66,920	71,770	611
1984.....	86,948	57,747	70,250	77,287	652
1985 ⁵	84,108	56,858	68,855	76,507	639

¹ Includes changes in stocks.

² Excludes hardboard.

³ Production plus imports and minus exports (excludes products); changes in inventories not taken into account.

⁴ One cord equals 128 cubic feet.

⁵ Preliminary.

Forest Service. Compiled from U.S. Department of Commerce and American Paper Institute publications.

CHAPTER XIII

CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities for food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income.

Table 676.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1972-87

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1972.....	206.3	207.5	1980.....	224.4	225.7
1973.....	208.6	209.6	1981.....	226.9	228.0
1974.....	210.7	211.6	1982.....	229.2	230.3
1975.....	212.7	213.8	1983.....	231.6	232.6
1976.....	215.0	215.9	1984.....	233.8	234.8
1977.....	217.0	218.1	1985.....	236.0	237.0
1978.....	219.4	220.5	1986.....	238.3	239.4
1979.....	221.8	223.0	1987.....	240.5	241.5

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 677.—Food nutrients: Quantities available for

Year	Food energy	Protein	Fat	Cholesterol	Carbohydrate	Calcium	Phosphorus	Iron
	Calories	Grams	Grams	Milligrams	Grams	Grams	Grams	Milligrams
1972	3,300	98	160	520	378	0.89	1.47	16.4
1973	3,300	97	155	490	384	.89	1.46	16.3
1974	3,300	97	157	490	376	.87	1.45	16.3
1975	3,200	96	480	480	380	.87	1.45	16.4
1976	3,400	100	158	480	392	.90	1.49	16.9
1977	3,300	199	155	480	391	.88	1.47	16.6
1978	3,300	98	157	480	388	.88	1.46	16.3
1979	3,400	98	161	490	395	.89	1.47	16.4
1980	3,400	98	162	480	391	.88	1.45	16.2
1981	3,400	98	162	480	392	.87	1.45	16.4
1982	3,400	99	161	470	397	.89	1.47	16.5
1983	3,400	100	165	489	397	.91	1.49	17.9
1984	3,400	101	164	489	401	.92	1.51	18.0
1985	3,600	102	172	480	413	.92	1.52	18.3

¹ Computed by Human Nutrition Information Service (HMIS), USDA based on Economic consumption data for foods no longer reported by ERS, and on HNIS estimates of quantities of nutrients in further processing, in marketing, or in the home. Data include iron, thiamin and fortification.

Human Nutrition Information Service.

Table 1. Food consumption per capita per day, United States, 1972-85¹

Iron	Magnesium	Zinc	Vitamin A value	Vitamin E	Ascorbic acid	Thiamin	Riboflavin	Niacin	Vitamin B ₆	Vitamin B ₁₂
Milli-grams	Milli-grams	Milli-grams	International units	Milli-grams alpha-TE	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Micro-grams
16.4	310	12.1	9,300	15.1	104	1.9	2.3	23	2.0	9.2
16.3	320	11.9	9,200	15.6	104	1.9	2.2	23	1.9	8.9
16.3	310	12.0	9,400	15.3	105	2.0	2.3	24	2.0	9.2
16.4	310	12.0	9,300	15.7	110	2.0	2.3	24	2.0	9.0
16.9	320	12.4	9,400	16.3	109	2.1	2.4	26	2.0	9.2
16.6	310	12.3	8,900	15.6	109	2.1	2.3	25	2.0	9.2
16.3	310	12.1	8,900	16.0	107	2.1	2.3	25	2.0	8.8
16.4	310	12.0	9,500	16.0	107	2.1	2.4	25	2.0	9.0
16.2	300	11.8	9,300	15.9	109	2.1	2.3	25	2.0	8.7
16.4	310	11.9	9,200	16.1	108	2.1	2.3	25	2.0	8.9
16.5	310	12.0	9,300	16.5	109	2.1	2.3	25	2.0	8.5
17.9	320	12.1	9,500	16.3	114	2.1	2.3	25	2.0	8.7
18.0	320	12.2	9,900	16.3	110	2.1	2.4	26	2.1	8.9
18.3	320	12.3	9,900	17.6	114	2.2	2.4	26	2.1	8.8

Economic Research Service (ERS) estimates of per capita food consumption (retail weight), on imputed quantities of produce from home gardens. No deduction is made in food supply estimates for loss of food thiamin, riboflavin, niacin, vitamin A, vitamin B₆, vitamin B₁₂, and ascorbic acid added by enrichment

Table 678.—Food nutrients: Percentage of total energy

Food group and period	Food energy	Protein	Fat	Cholesterol	Carbohydrate	Calcium	Phosphorus
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1977							
Meat (including pork fat cuts), poultry, and fish.....	21	44	36	40	(^a)	4	29
Eggs.....	2	5	3	42	(^a)	2	5
Dairy products, excluding butter....	10	21	12	14	6	76	36
Fats and oils, including butter.....	18	(^b)	43	4	(^a)	(^a)	(^a)
Citrus fruits.....	1	1	(^b)	0	2	1	1
Other fruits.....	2	1	(^b)	0	4	1	1
Potatoes (white).....	3	2	(^b)	0	5	1	3
Dark green and deep yellow vegetables.....	(^a)	(^a)	(^a)	0	1	1	1
Other vegetables, including tomatoes.....	2	3	(^b)	0	4	4	4
Dry beans and peas, nuts, soya flour, and grits.....	3	5	3	0	2	3	6
Flour and cereal products.....	20	19	1	0	35	4	13
Sugar and other sweeteners.....	18	(^a)	0	0	40	(^a)	(^a)
Miscellaneous ^c	1	1	1	0	1	2	2
Total ^d	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1985							
Meat (including pork fat cuts), poultry, and fish.....	20	43	33	40	(^a)	4	28
Eggs.....	2	4	2	40	(^a)	2	4
Dairy products, excluding butter....	10	21	11	14	6	76	36
Fats and oils, including butter.....	20	(^a)	46	5	(^a)	(^a)	(^a)
Citrus fruits.....	1	1	(^b)	0	2	1	1
Other fruits.....	2	1	(^a)	0	5	1	1
Potatoes (white).....	3	2	(^a)	0	5	1	3
Dark green and deep yellow vegetables.....	(^a)	(^a)	(^a)	0	1	1	1
Other vegetables, including tomatoes.....	2	2	(^a)	0	3	4	4
Dry beans and peas, nuts, soya flour, and grits.....	3	5	3	0	2	3	6
Flour and cereal products.....	20	19	1	0	36	4	14
Sugar and other sweeteners.....	18	(^a)	0	0	40	(^a)	(^a)
Miscellaneous ^c	1	1	2	0	1	2	2
Total ^d	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Percentages for food groups are based on aggregate nutrient data for table 677.² Less than 0.5 percent.³ Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification of products.⁴ Components may not add to total due to rounding.

Human Nutrition Information Service.

total contributed by major food groups, 1977 and 1985 ¹

Phosphorus	Iron	Magnesium	Zinc	Vitamin A value	Vitamin E	Ascorbic acid	Thiamin	Riboflavin	Niacin	Vitamin B ₆	Vitamin B ₁₂
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
29	33	15	50	21	11	2	26	23	47	41	73
5	5	1	4	2	2	0	2	5	(*)	2	6
36	2	21	19	10	3	4	10	36	2	12	19
(*)	(*)	(*)	(*)	(*)	59	0	(*)	(*)	(*)	(*)	0
1	1	3	(*)	1	1	30	3	1	(*)	2	0
1	2	4	1	4	3	14	2	2	2	8	0
3	4	6	3	0	3	16	4	1	6	12	0
1	1	2	1	42	1	10	1	1	1	2	0
4	7	8	4	9	6	22	5	3	4	7	0
6	7	11	4	(*)	6	(*)	5	2	5	4	0
13	32	20	12	(*)	4	0	43	23	29	10	2
(*)	(*)	(*)	(*)	(*)	0	(*)	(*)	(*)	(*)	(*)	0
2	4	8	2	3	1	4	(*)	4	3	(*)	0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28	29	15	48	17	10	2	26	22	47	40	72
4	4	1	4	2	2	0	1	4	(*)	2	6
36	2	20	20	10	2	3	9	35	2	11	20
(*)	(*)	(*)	(*)	6	61	0	(*)	(*)	(*)	(*)	0
1	1	2	(*)	1	1	28	3	1	1	2	0
1	2	5	1	4	3	15	2	2	2	9	0
3	4	6	3	0	2	16	4	1	6	12	0
1	2	2	1	49	3	11	1	1	1	3	0
4	6	7	3	8	5	21	5	3	4	7	0
6	6	12	5	(*)	6	(*)	5	2	5	4	0
14	28	20	13	(*)	4	0	43	24	29	10	2
(*)	(*)	(*)	(*)	0	0	(*)	(*)	(*)	(*)	(*)	0
2	4	9	2	3	1	4	(*)	4	3	(*)	0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

FOOD NUTRIENTS

¹ products not assigned to a specific food group.

Table 679.—Food consumption: Index of per capita consumption, by major food groups, United States, 1972-86 ¹

(1967=100)

Year	Meat, poultry, and fish ²	Eggs	Dairy products ³	Fats and oils ⁴	Potatoes and sweet potatoes	Beans, peas, and nuts
1972	106.4	94.3	101.9	106.3	107.1	97.1
1973	99.8	90.2	101.8	106.2	110.5	107.8
1974	104.9	88.5	100.4	108.8	118.1	91.5
1975	101.7	86.2	101.6	108.8	111.7	104.7
1976	108.0	84.3	108.6	108.0	119.2	99.6
1977	107.5	83.5	108.1	105.0	115.1	96.1
1978	105.2	85.0	108.7	108.0	122.2	88.1
1979	104.2	86.7	108.3	110.9	111.9	105.3
1980	104.6	85.0	102.7	112.0	104.9	88.1
1981	104.3	83.0	108.0	112.2	123.7	95.3
1982	101.8	82.1	105.3	113.1	122.6	105.7
1983	105.0	81.3	107.7	117.3	116.7	108.1
1984	106.9	81.1	109.8	115.4	129.1	102.6
1985	107.5	79.6	111.4	125.3	140.5	103.9
1986	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Year	Vegetables			Fruits		Flour and cereal products ⁵
	Fresh	Processed	Total	Fresh	Total	
1972	102.9	133.5	115.7	91.9	97.6	96.5
1973	105.3	146.7	123.3	95.9	100.5	99.1
1974	106.6	145.2	122.8	98.2	100.5	98.3
1975	107.2	137.5	119.9	106.8	110.9	101.3
1976	109.9	137.6	121.6	104.5	109.1	104.0
1977	112.1	137.4	122.8	104.2	108.5	103.1
1978	111.0	142.1	124.1	104.8	105.4	100.9
1979	115.2	153.0	131.0	107.2	108.4	106.0
1980	116.1	139.4	126.0	113.6	111.6	105.4
1981	114.8	143.2	126.8	112.6	111.6	105.9
1982	120.7	136.0	127.5	112.5	111.5	106.8
1983	119.9	131.2	125.1	118.1	118.7	105.2
1984	128.5	148.9	137.4	121.6	116.5	105.4
1985	130.0	141.9	135.5	122.2	120.6	110.0
1986	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Year	Sugars and other sweeteners	Coffee, tea, and cocoa	All foods		
			Animal products	Crop products	Total
1972	108.1	98.8	103.4	104.4	103.8
1973	108.5	97.2	98.6	107.5	102.6
1974	105.6	93.8	101.3	105.7	103.2
1975	102.9	88.1	99.1	108.2	103.2
1976	108.5	91.9	103.5	111.2	107.0
1977	111.4	72.0	103.1	107.5	106.2
1978	112.2	78.5	101.9	108.8	105.0
1979	113.2	82.4	101.3	111.7	105.9
1980	112.5	78.7	101.5	109.6	105.1
1981	113.9	79.1	101.1	112.0	105.9
1982	113.5	78.0	99.9	112.9	105.6
1983	115.6	78.3	102.8	113.6	107.6
1984	119.4	79.0	104.0	116.0	109.3
1985	123.9	77.5	105.5	119.9	111.8
1986	n.a.	n.a.	n.a.	n.a.	n.a.

¹Quantities of individual foods on a retail-weight basis are combined into indexes using 1965-67 average prices through 1975; 1977-79 average prices for 1976 and beyond. Index is linked at 1975. ²Includes edible offals.

³Excludes butter.

⁴Includes butter.

⁵Corn syrup and sweeteners are with sugars and other sweeteners.

n.a. not available.

Economic Research Service.

Table 680.—Per capita consumption of major food commodities (retail weight), United States, 1978-86 ¹

Commodity	1978	1979	1980	1981	1982	1983	1984	1985	1986 ^a
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Meats	146.9	144.8	147.7	145.1	139.3	143.9	143.6	144.4	141.7
Beef.....	87.2	78.0	76.5	77.1	77.2	78.6	78.5	79.1	79.3
Veal.....	2.4	1.7	1.5	1.6	1.7	1.6	1.8	1.8	1.9
Lamb and mutton.....	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4
Pork.....	55.9	63.8	68.3	65.0	59.0	62.2	61.8	62.1	58.6
Fish (edible weight)	13.4	13.0	12.8	12.9	12.3	13.1	13.7	14.4	14.7
Canned.....	5.0	4.8	4.5	4.3	4.3	4.8	4.9	5.1	5.4
Fresh and frozen.....	8.1	7.8	8.0	7.8	7.7	8.0	8.5	9.0	9.0
Cured.....	.3	.4	.3	.3	.3	.3	.3	.3	.3
Poultry products									
Eggs.....	34.6	35.3	34.6	33.8	33.4	33.1	33.0	32.9	32.0
Chicken (ready-to-cook).....	46.7	50.6	50.1	51.7	53.1	53.8	55.7	58.0	59.1
Turkey (ready-to-cook).....	9.2	9.9	10.5	10.8	10.8	11.3	11.4	12.1	13.4
Dairy products									
Cheese (excluding cottage).....	16.9	17.2	17.6	18.3	20.1	20.6	21.6	22.6	23.2
Canned and bulk condensed and evaporated whole milk.....	4.2	4.1	3.8	4.1	4.1	3.9	3.8	3.7	3.7
Fluid milk and cream (prod. weight).....	257	253	250	245	242	242	243	245	245
Ice cream (product weight).....	17.4	17.1	17.4	17.2	17.5	17.9	17.8	18.0	18.3
Fats and Oils—Total fat content	54.7	56.4	57.2	57.5	58.2	59.9	58.7	64.0	64.2
Butter (actual weight).....	4.4	4.5	4.5	4.3	4.6	5.1	4.9	4.9	4.6
Margarine (actual weight).....	11.3	11.3	11.4	11.2	11.1	10.4	10.4	10.7	11.4
Shortening.....	17.9	18.4	18.2	18.5	18.6	18.5	21.3	22.9	22.1
Lard.....	2.1	2.5	2.6	2.5	2.5	2.1	2.1	1.8	1.7
Salad and cooking oils.....	20.1	20.8	21.2	21.8	21.8	23.5	19.8	23.5	24.1
Selected Fruits									
Fresh.....	30.6	31.2	30.7	33.9	33.9	38.0	37.5	38.2	n.a.
Citrus.....	25.6	23.7	28.1	24.2	23.9	28.2	23.1	21.8	n.a.
Noncitrus.....	55.0	57.5	58.6	59.7	60.0	59.8	64.4	66.4	n.a.
Processed									
Canned fruit.....	10.9	10.9	10.6	10.0	9.7	9.3	8.9	8.5	n.a.
Canned and frozen juice.....	23.4	22.8	23.0	21.0	20.5	21.3	18.6	19.9	n.a.
Frozen fruit.....	3.3	3.7	3.1	2.9	2.9	2.9	3.1	3.3	n.a.
Chilled citrus juices.....	6.1	5.5	5.8	4.1	3.5	4.1	3.7	3.2	n.a.
Dried.....	1.9	2.3	2.2	2.5	2.7	2.8	2.9	2.9	n.a.
Selected Vegetables									
Fresh ^a	68.7	71.1	72.6	71.4	74.0	74.3	78.5	78.5	79.4
Canned (excluding potatoes).....	42.3	48.9	42.4	43.4	40.9	38.5	47.1	43.1	n.a.
Frozen (excluding potatoes).....	8.0	7.7	7.7	8.3	8.2	8.2	8.6	8.7	n.a.
Fresh potatoes.....	49.2	46.3	48.7	41.8	47.1	47.6	43.7	45.7	49.9
Frozen potato products.....	21.0	20.1	18.2	18.5	20.0	19.5	20.8	22.6	22.5
Sweet potatoes ^a	4.3	4.3	3.7	3.8	4.6	4.6	5.1	5.6	n.a.
Grains									
Wheat flour ^a	115.1	117.1	116.9	115.8	119.4	115.9	117.6	122.5	129.6
Rice.....	5.7	9.4	9.4	11.0	11.8	9.8	8.5	9.1	11.5
Other									
Coffee.....	7.9	8.5	7.7	7.7	.6	7.6	7.5	7.5	7.4
Cocoa.....	2.6	2.6	2.7	2.8	.0	3.1	3.5	3.4	3.4
Peanuts (shelled).....	5.1	5.1	4.1	4.7	4.9	4.9	5.2	4.8	4.8
Sugar (refined).....	91.4	89.3	83.1	79.4	73.6	71.1	67.4	63.0	60.2
Corn sweeteners ^a	43.3	47.1	52.7	58.7	63.7	69.4	77.3	88.0	87.3
Soft drinks (gallons).....	35.4	36.8	37.8	38.8	39.5	41.1	44.2	45	47.5

¹ Quantity in pounds, retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts, dry beans, and rice which are on a crop-year basis. ² Preliminary. ³ Commercial production for sale as fresh produce. ⁴ Table stock and processed. ⁵ White, whole wheat, semolina, and durum flour. ⁶ Fructose and glucose and dextrose. n.a. not available.

Economic Research Service.

Historical consumption and supply-utilization data for food may be found in *Food Consumption, Prices and Expenditures, 1964-84*, Statistical Bulletin 736, ERS, USDA.

Table 681.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States, for one week, January 1987¹

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
	Dollars	Dollars	Dollars	Dollars
FAMILIES				
United States:				
Family of 2: ²				
20-50 years	39.20	49.50	61.30	76.00
51 years and over	37.10	47.50	58.70	70.40
Family of 4:				
Children, 1-2 and 3-5 years	56.90	71.10	87.10	106.80
Children, 6-8 and 9-11 years	65.30	83.60	104.70	128.10
INDIVIDUALS³				
United States:				
Child:				
1-2 years	10.20	12.40	14.50	17.40
3-5 years	11.10	13.70	16.90	20.30
6-8 years	13.60	18.10	22.60	26.40
9-11 years	16.10	20.50	26.40	30.60
Male:				
12-14 years	16.90	23.30	29.10	34.20
15-19 years	17.50	24.20	30.00	34.70
20-50 years	18.70	23.90	30.10	36.30
51 years and over	17.00	22.80	28.10	33.70
Female:				
12-19 years	16.80	20.20	24.50	29.60
20-50 years	16.90	21.10	25.60	32.80
51 years and over	16.70	20.40	25.30	30.30

¹ Estimates for the thrifty food plan were computed from quantities of foods published in *Family Economics Review* (1984 No. 1). Estimates for the other plans were computed from quantities of foods published in *Family Economics Review* (1983 No. 2). The costs of the food plans are estimated by updating prices paid by households surveyed in 1977-78 in USDA's Nationwide Food Consumption Survey. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics. The cost of food plans by region is no longer estimated.

² Ten percent added for family size adjustment. (See footnote 3.)

³ The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-persons—add 10 percent; 3-persons—add 5 percent; 5- or 6-persons—subtract 5 percent; 7-or-more-persons—subtract 10 percent.

Human Nutrition Information Service.

Table 682.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1972-86

Fiscal year ¹	Child nutrition					Special milk		Institutions and needy persons (funds distributed) ⁴	
	Cash payments			Food distributed ²		Quantity	Cash payments	Quantity	Cost
	Lunch	Breakfast	Equipment assistance ³	Quantity	Cost				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 1/2 pints	1,000 dollars	1,000 pounds	1,000 dollars
1972.....	738,764	24,834	16,546	989,347	312,068	2,496,215	90,286	1,368,741	337,270
1973.....	882,162	34,602	15,155	990,081	297,686	2,560,711	90,762	1,109,563	252,077
1974.....	1,065,314	59,120	27,191	960,862	396,903	1,425,923	49,158	798,102	229,288
1975.....	1,289,018	86,075	26,283	763,956	423,453	2,138,992	122,924	291,275	75,996
1976.....	1,491,545	113,650	26,078	853,252	429,590	2,306,846	138,549	131,121	53,518
1977.....	1,684,225	154,712	26,602	1,101,384	555,215	2,205,239	156,712	150,338	62,036
1978.....	1,830,920	183,834	25,953	1,282,529	631,457	1,986,900	135,211	167,750	92,116
1979.....	2,005,741	236,160	24,026	1,577,829	764,718	1,821,061	136,586	253,982	145,331
1980.....	2,279,403	287,766	20,000	1,685,430	846,216	1,790,061	144,990	272,271	130,109
1981.....	2,380,621	331,673	15,000	1,232,652	922,745	1,529,044	100,641	323,600	141,460
1982.....	2,185,445	317,300		1,122,729	756,306	301,870	18,285	460,006	360,297
1983.....	2,401,771	343,790		1,187,123	804,344	188,986	17,444	1,224,708	1,261,449
1984.....	2,507,665	364,004		1,227,310	839,149	174,382	16,043	1,294,944	1,311,606
1985.....	2,578,374	379,338		1,190,970	809,052	166,923	15,751	1,438,386	1,347,111
1986 ⁵	2,714,260	406,252		1,328,580	847,146	161,783	15,455	1,601,804	1,187,275

¹ July 1 to June 30 for fiscal years 1971-76; October 1-September 30 beginning fiscal year 1977.

² Program terminated at the end of fiscal year 1981.

³ Includes distribution of entitlement and bonus commodities to Lunch, Breakfast, Child Care and Summer Feeding Programs.

⁴ Includes distribution of entitlement and bonus commodities to Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, Elderly Pilot Projects, and Emergency Feeding Programs.

⁵ Preliminary.

Food and Nutrition Service.

Table 683.—Food Stamp Program: Participation and Federal costs, fiscal years 1972-86

Fiscal year ¹	Average monthly participation ²	Recipient benefits ³	Total cost ⁴	Average benefit per person
	1,000	1,000 dollars	1,000 dollars	Dollars
1972.....	11,109	1,797,288	1,870,868	13.48
1973.....	12,166	2,131,405	2,211,710	14.60
1974.....	12,862	2,718,296	2,842,158	17.61
1975.....	17,064	4,385,501	4,623,970	21.42
1976.....	18,549	5,326,505	5,692,103	23.93
1977.....	17,077	5,066,950	5,469,249	24.74
1978.....	16,001	5,139,216	5,528,307	26.77
1979.....	17,653	6,480,189	6,948,762	30.59
1980.....	21,071	8,720,870	9,215,849	34.35
1981.....	22,481	10,623,866	11,235,233	39.49
1982 ⁵	21,717	10,208,296	10,850,861	39.17
1983.....	21,625	11,152,313	11,862,539	42.98
1984.....	20,854	10,696,130	11,594,862	42.74
1985.....	19,899	10,743,555	11,714,902	44.99
1986 ⁶	19,428	10,605,350	11,696,490	45.49

¹ Data for fiscal years July 1 to June 30 for 1971-76; October 1 to September 30 beginning 1977.

² Food Stamp coverage was not nationwide in scope until March 1975.

³ Prior to elimination of the purchase requirement in January 1979, Federal benefits were often referred to as "bonus dollars". Current publications frequently refer to benefits as the "value of issuance".

⁴ The total cost includes matching funds for state administrative expenses (e.g., certification of households, quality control, anti-fraud activities); other program costs (e.g., printing and processing of stamps, the bank monitoring system, computer support systems); and transfers to other Federal agencies to offset their expenses in auditing or investigating the program (e.g., Office of the Inspector General).

⁵ Omits Puerto Rico beginning July 1, 1982 when their nutrition assistance program began.

⁶ Preliminary.

Food and Nutrition Service.

Table 684.—Food and Nutrition Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child Care, Summer Feeding and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and Temporary Emergency Feeding Food Programs, Fiscal Year 1986 ¹

State or Territory	Child Nutrition Program (cash payments only)					Special Supplemental Food (WIC)	Commodity distribution ²	Food Stamp Program ⁴	TEFAP ⁵	Total
	Child Care Food	Summer Feeding	Special Milk	National School Lunch	Breakfast					
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	9,385	3,068	39	70,756	11,457	25,705	21,870	278,062	21,090	441,433
AK.....	2,191	3	21	6,678	657	2,252	1,532	24,500	0	37,833
AZ.....	7,740	743	299	31,750	5,304	21,650	24,487	112,228	10,051	214,224
AR.....	3,583	106	29	35,541	5,408	15,220	12,543	120,704	12,265	206,392
CA.....	47,406	10,948	1,084	296,222	55,098	109,692	100,729	626,658	84,244	1,341,083
CO.....	10,378	624	83	25,208	2,198	12,355	17,657	101,572	9,586	179,670
CT.....	4,361	1,089	499	21,152	998	18,437	11,566	55,483	7,444	121,030
DE.....	1,740	727	36	5,086	887	2,784	3,875	18,061	1,824	34,571
DC.....	5,555	350	15	8,945	1,554	4,286	5,227	95,581	4,244	109,007
FL.....	16,287	5,770	121	119,330	30,114	41,994	45,812	361,940	25,377	646,725
GA.....	12,221	3,074	57	90,711	14,881	42,999	32,748	280,645	16,532	482,390
GU.....	4	0	0	2,199	648	1,113	736	16,956	235	21,892
HI.....	1,387	298	9	14,620	2,142	4,119	5,065	89,604	2,200	119,513
ID.....	1,580	50	68	10,903	384	6,272	6,076	33,390	4,195	64,877
IL.....	17,479	3,676	2,487	116,842	11,305	48,410	39,229	707,480	50,912	997,860
IN.....	5,892	1,594	223	45,569	5,075	21,567	26,585	222,876	19,463	344,585
IA.....	4,480	510	137	25,019	1,249	15,067	20,790	109,986	12,778	190,007
KS.....	6,243	331	88	22,279	767	10,246	5,418	94,852	7,709	117,953
KY.....	4,620	1,052	106	55,901	12,537	27,348	24,430	320,492	24,411	471,098
LA.....	13,746	2,057	84	86,119	13,487	39,867	38,603	389,822	15,825	599,600
ME.....	2,706	208	73	11,756	761	6,390	5,050	57,286	3,615	87,846
MD.....	6,857	1,140	309	34,202	4,490	14,396	16,937	170,021	11,359	258,713
MA.....	14,395	1,583	422	41,937	4,919	21,163	25,837	168,197	11,780	290,223
MI.....	15,413	3,904	1,002	74,470	4,165	45,922	47,283	505,136	37,081	734,374
MN.....	17,309	1,023	396	34,412	1,619	18,934	24,058	107,718	13,347	218,794
MO.....	12,901	3,496	14	62,736	13,065	35,578	16,738	282,351	12,735	410,606
MT.....	7,441	1,044	350	50,627	5,585	24,508	25,145	208,402	11,562	334,664
NE.....	2,011	170	55	7,681	654	4,514	7,025	32,185	3,295	57,590
NV.....	4,257	186	90	15,087	605	6,737	9,748	48,129	5,012	89,950
NH.....	588	48	23	5,099	1,050	4,060	4,005	22,526	3,169	41,178
NJ.....	1,158	171	222	5,710	460	4,809	3,919	12,260	1,601	30,210
NM.....	9,834	3,778	829	58,843	4,734	25,994	20,674	239,967	11,550	376,598
NY.....	5,578	942	28	24,480	3,040	10,523	7,715	85,284	6,424	146,815
NC.....	34,210	24,623	1,860	202,430	32,276	107,685	79,025	985,238	62,026	1,479,876
ND.....	9,422	2,201	103	83,911	19,254	37,232	33,523	225,885	16,041	427,573
OH.....	3,779	181	16	6,771	376	4,601	7,545	17,559	1,938	42,767
No. Marianas ⁶	0	0	0	1,062	405	26	266	0	26	1,758
OK.....	12,418	2,145	1,120	90,636	14,787	58,659	35,695	701,357	41,230	962,547
OR.....	6,119	395	9	36,409	5,436	19,676	34,278	139,086	15,727	237,137
PA.....	4,067	477	168	22,602	2,101	12,409	13,164	140,747	11,227	206,953
PR ⁷	13,730	6,842	564	95,168	6,252	47,997	50,842	546,666	60,619	828,712
PW ⁸	0	2,594	0	96,758	15,908	54,978	24,801	0	6,965	205,680
RI.....	1,214	692	82	7,240	794	5,270	3,080	33,232	2,096	55,673
Samoa, American.....	0	0	0	1,277	655	0	586	0	0	2,519
SC.....	5,114	3,197	32	57,804	8,316	27,706	19,628	178,730	8,898	306,226
SD.....	1,665	552	33	10,155	1,359	5,078	10,653	28,839	3,379	61,712
TN.....	6,184	1,291	34	61,787	12,311	27,674	30,233	277,928	22,782	440,223
TX.....	22,812	3,316	112	219,026	53,888	84,984	82,712	769,275	62,067	1,296,142
Trust Territory.....	0	0	0	8,233	2,445	0	2,550	0	0	13,228
UT.....	5,130	85	23	18,034	555	10,528	10,524	41,518	5,073	91,881
VT.....	926	35	164	3,967	83	4,799	2,368	18,386	1,386	32,015
VA.....	6,458	1,445	139	53,241	6,117	24,928	25,417	180,805	9,649	311,199
VI.....	394	270	6	3,667	114	3,060	1,128	21,583	672	30,883
WA.....	12,118	462	236	34,887	3,007	15,497	20,560	143,237	14,902	249,956
WV.....	2,324	492	29	26,507	8,050	10,721	9,130	156,876	16,178	225,906
WI.....	5,538	661	1,460	37,300	2,174	20,629	22,559	150,365	14,886	264,565
WY.....	1,403	12	24	8,389	121	2,769	3,164	15,512	1,465	28,248
Dept. of Defense.....	0	0	0	1,271	0	0	0	0	0	1,271
Total.....	427,271	105,737	15,455	2,714,390	406,752	1,264,350	1,191,202	10,005,350	845,796	17,575,672

¹ Preliminary. Excludes administrative costs. ² Includes distribution of entitlement and bonus commodities to Schools, Child Care, Summer Feeding, Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, and Elderly Pilot Projects. ³ Excludes \$145.5 million cash-in-lieu of commodities to School Lunch, Child Care, and Elderly Feeding Programs. ⁴ Excludes nutrition assistance grants of \$850 million to Puerto Rico and \$3.7 million to the Northern Marianas. ⁵ Includes the value of commodities provided under the Temporary Emergency Food Assistance Program.

Food and Nutrition Service.

Table 685.—Food and Nutrition Service programs: Persons participating, fiscal years 1972-86 ¹

Fiscal year ²	National School Lunch Program	School Breakfast Program
	Thousands	Thousands
1972.....	24,941	1,140
1973.....	25,163	1,313
1974.....	25,019	1,584
1975.....	25,289	1,993
1976.....	26,041	2,326
1977.....	26,676	2,627
1978.....	27,062	2,980
1979.....	27,322	3,488
1980.....	27,011	3,713
1981.....	26,843	3,996
1982.....	23,165	3,447
1983.....	23,383	3,480
1984.....	23,696	3,556
1985.....	24,051	3,574
1986 ³	24,263	3,596

¹ Based on peak month of participation.

² Data for fiscal years July 1-June 30 for 1971-76; Oct. 1-Sept. 30 beginning fiscal year 1977.

³ Preliminary.

Food and Nutrition Service.

Table 686.—Consumers' prices: Index number of prices paid for goods and services, United States, 1972-86 ¹

[1967=100]

Year	Food	Nonfood items						All items
		Apparel and upkeep	Housing		Transporta- tion	Medical care	Other goods and services	
			Total	Rent				
1972.....	123.5	122.3	128.1	119.2	119.9	132.5	127.5	125.3
1973.....	141.4	126.8	133.7	124.3	123.8	137.7	132.5	133.1
1974.....	161.7	136.2	148.8	130.6	137.7	150.5	142.0	147.7
1975.....	175.4	142.3	164.5	137.3	150.6	168.6	153.9	161.2
1976.....	180.8	147.6	174.6	144.7	165.5	184.7	162.7	170.5
1977.....	192.2	154.2	186.5	153.5	177.2	202.4	172.2	181.5
1978.....	211.4	159.6	202.8	164.0	185.5	219.4	183.3	195.4
1979.....	234.5	166.6	227.6	176.0	212.0	239.7	196.7	217.4
1980.....	254.6	178.4	263.3	191.6	249.7	265.9	214.5	246.8
1981.....	274.6	186.9	293.5	208.2	280.0	294.5	235.7	272.4
1982.....	285.7	191.8	314.7	224.0	291.5	328.7	259.9	289.1
1983.....	291.7	196.5	323.1	236.9	296.4	337.3	268.3	298.4
1984.....	302.9	200.2	336.5	249.3	311.7	379.5	307.7	311.1
1985.....	309.8	206.0	349.9	264.6	319.9	403.1	326.6	322.2
1986.....	319.7	207.8	360.2	280.0	307.5	433.5	346.4	328.4

¹ Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

FOODSERVICE ESTABLISHMENTS

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Table 687.—Number of foodservice establishments, by industry segment, 1979–86

Industry segment	1979	1980	1981	1982	1983	1984	1985	1986 ¹
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Separate eating places:								
Restaurants, lunchrooms.....	120,478	121,369	122,060	122,851	123,642	124,433	125,502	125,237
Fast food outlets.....	107,143	110,469	113,794	117,119	120,444	123,769	124,909	125,002
Cafeterias.....	6,612	6,418	6,223	6,029	5,835	5,640	5,388	4,277
Total ²	234,245	238,167	242,099	249,556	249,932	253,854	255,699	254,546
Lodging places:								
Retail hosts.....	24,745	24,152	23,559	24,448	23,855	23,262	22,613	24,533
Recreation, entertainment.....	59,422	58,908	58,193	57,578	56,963	56,348	56,006	55,616
Separate drinking places.....	33,808	33,902	33,996	34,093	34,188	34,282	34,910	35,716
Commercial feeding total ²	48,636	47,250	45,864	44,478	43,092	41,706	40,642	39,462
	400,856	402,278	400,701	410,155	408,030	400,453	408,989	400,873
Education:								
Elementary, secondary.....	94,300	94,100	92,900	91,300	90,600	89,600	89,424	88,824
Colleges, universities.....	3,152	3,231	3,253	3,280	3,284	3,288	3,299	3,312
Other education.....	2,948	2,957	2,925	2,966	2,975	3,000	3,076	3,120
Total ²	100,400	100,288	99,078	97,546	96,859	95,888	95,799	95,256
Plants, office buildings:								
Hospitals.....	15,906	15,780	15,747	15,414	15,409	15,846	15,963	16,008
Care facilities.....	6,988	6,965	6,933	6,915	6,888	6,861	6,835	6,810
Vending.....	22,416	23,065	24,941	26,817	27,875	28,933	29,711	30,599
Military services:	3,655	3,600	3,634	3,608	3,582	3,556	3,535	3,507
Troop feeding.....	1,359	1,275	1,389	1,387	1,341	1,310	1,290	1,250
Clubs, exchanges.....	2,457	2,448	2,435	2,431	2,430	2,042	1,980	1,940
Total ²	3,816	3,723	3,824	3,818	3,761	3,352	3,270	3,190
Transportation:								
Associations.....	740	696	714	664	644	642	640	626
Correctional facilities.....	19,088	19,150	19,211	19,272	19,333	19,394	19,450	19,333
Child day care centers.....	6,871	6,924	6,977	7,031	7,085	7,164	7,204	7,232
Elderly feeding programs.....	30,309	45,155	64,657	70,679	78,500	84,175	88,410	91,645
Other.....	12,077	12,556	12,915	13,246	13,963	14,035	14,068	19,167
Noncommercial feeding total ²	16,117	15,914	15,841	16,189	16,479	16,789	17,101	17,389
	238,412	253,875	274,472	281,169	290,708	296,645	301,986	310,760
Grand total ².....	639,268	656,153	678,172	691,324	688,738	706,098	711,855	720,633

¹ Preliminary.² Totals may not add due to rounding.

Economic Research Service.

Table 688.—Foodservice sales, by industry segment, 1979-86

Industry segment	1979	1980	1981	1982	1983	1984	1985 ¹	1986 ¹
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Separate eating places:								
Restaurants, lunchrooms.....	33,534	35,615	38,905	40,931	44,731	48,419	52,296	54,077
Fast food outlets.....	25,112	28,706	31,523	36,492	41,896	47,319	51,455	55,767
Cafeterias.....	2,343	2,426	2,575	2,699	2,871	3,022	2,992	2,817
Total ²	61,658	67,587	73,797	80,987	90,256	99,582	106,743	112,661
Lodging places.....	4,937	5,258	5,939	6,164	6,756	7,264	7,355	7,862
Retail hosts.....	3,322	3,535	3,835	3,943	4,318	4,779	4,910	5,242
Recreation, entertainment.....	2,110	2,362	2,471	2,813	3,093	3,394	3,510	3,935
Separate drinking places.....	1,945	1,100	1,121	1,096	1,111	1,076	982	903
Commercial feeding total ²	73,067	79,814	87,154	94,985	105,634	116,095	123,500	130,603
Education:								
Elementary, secondary.....	7,313	7,575	8,099	7,368	7,537	7,930	8,472	8,673
Colleges, universities.....	2,494	2,824	3,126	3,487	3,886	4,092	4,230	4,403
Other education.....	118	134	152	175	201	217	240	267
Total ²	9,925	10,533	11,376	11,030	11,524	12,239	12,942	13,343
Plants, office buildings.....	4,658	5,145	5,669	5,919	6,258	6,793	7,186	7,365
Hospitals.....	4,403	4,919	5,366	5,609	5,715	5,817	5,905	6,392
Care facilities.....	3,196	3,602	4,072	4,797	4,983	5,281	5,452	5,522
Vending.....	2,853	3,094	3,183	3,214	3,348	3,553	3,730	3,685
Military services:								
Troop feeding.....	1,421	1,496	1,619	1,644	1,709	1,765	1,853	1,933
Clubs, exchanges.....	400	438	490	522	546	601	617	627
Total ²	1,821	1,934	2,109	2,166	2,255	2,366	2,470	2,560
Transportation.....	1,426	1,563	1,656	1,685	1,793	1,922	1,996	2,296
Associations.....	1,058	1,153	1,276	1,431	1,501	1,562	1,610	1,692
Correctional facilities.....	626	705	786	1,018	1,092	1,155	1,205	1,388
Child day care centers.....	367	469	641	907	663	760	835	920
Elderly feeding programs.....	388	456	544	579	629	689	744	804
Other.....	178	192	208	223	238	252	268	287
Noncommercial feeding total ²	30,901	34,064	36,886	38,279	40,098	42,390	44,343	46,254
Grand total ²	108,968	118,878	124,040	133,264	145,733	158,485	167,843	176,867

¹ Preliminary.² Totals may not add due to rounding.

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CHAPTER XIV

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; and statistics on crops in Alaska.

Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value of the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

Table 689.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1972-86

Year ending Sept. 30 ¹	Total domestic exports	Agricultural exports ²		Total imports for consump- tion	Agricultural imports (for consumption)					Excess of domestic agricul- tural exports over competi- tive imports
		Domestic	Percentage (domestic) of total exports		Total	Competi- tive	Noncom- petitive	Competitive		
								Percentage of total agricul- tural exports	Percentage of total agricul- tural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
1972.....	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090
1973.....	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195
1974.....	84,924	21,293	25	82,508	9,549	6,272	3,277	29	66	15,021
1975.....	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757
1976.....	109,389	22,147	20	106,883	10,107	6,289	3,818	28	62	15,858
(*)	(27,313)	(5,356)	(20)	(31,896)	(2,304)	(1,597)	(1,207)	(36)	(43)	(3,759)
1977.....	119,118	22,974	20	142,418	13,357	6,548	6,809	27	49	17,426
1978.....	131,559	27,289	21	165,981	13,886	7,314	6,572	27	53	19,975
1979.....	167,818	31,979	19	198,610	16,186	9,075	7,110	28	56	22,904
1980.....	210,327	40,481	19	240,866	17,276	9,924	7,351	25	57	30,557
1981.....	229,203	43,780	19	254,687	17,218	11,302	5,916	26	66	32,478
1982.....	215,405	39,097	18	248,534	15,485	10,196	5,287	26	66	28,899
1983.....	194,142	34,769	18	246,900	16,373	10,909	5,465	31	67	23,860
1984.....	208,041	38,027	18	316,652	18,916	12,240	6,676	32	65	25,787
1985.....	210,437	31,201	15	333,482	19,740	12,959	6,781	42	66	18,242
1986 ³	302,938	26,324	13	363,730	20,875	13,072	7,803	50	63	13,252

¹ Fiscal years July 1-June 30 for 1972-76; Oct. 1-Sept. 30 for 1977-1986.² Includes food exported for relief or charity by individuals and private agencies.³ Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.⁴ Transition quarter July 1, 1976 to September 30, 1976.⁵ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 690.—Agricultural exports: Quantity Indexes, United States, fiscal years 1976-86

[Calendar year 1977=100]

Year ending Sept. 30 ¹	Total agricul- tural ex- ports ²	Animals and animal products	Meat and meat products	Animal fats ³	Dairy products	Poultry and poultry products	Cotton exclud- ing linters	Tobacco un- manu- factured	Grains and feeds	Vegeta- ble oils and oil- seeds	Fruits and vegeta- bles
1976.....	97	91	92	75	76	83	74	93	107	92	104
1977.....	99	102	105	100	98	102	96	102	102	94	106
1978.....	117	100	100	94	143	104	130	96	119	124	107
1979.....	120	98	96	98	121	112	132	100	123	127	106
1980.....	143	106	101	111	156	168	193	99	146	150	133
1981.....	135	113	107	110	185	201	119	88	153	125	159
1982.....	140	117	107	108	292	161	147	89	142	149	158
1983.....	129	115	101	103	390	127	114	86	127	146	133
1984.....	124	121	108	99	498	112	142	80	134	116	124
1985.....	112	122	105	87	513	117	124	90	115	102	112
1986 ⁴	103	131	111	96	565	133	49	79	92	120	112

¹ Fiscal years, Oct. 1-Sept. 30.² Based on 92 percent of total value of U.S. agricultural exports in 1977.³ Included in "Animals and animal products."⁴ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 691.—Agricultural imports: Quantity indexes, United States, fiscal years 1976-86

[Calendar year 1977=100]

Year ending Sept. 30 ¹	Total agricultural imports ²	Non-competitive imports ³	Competitive imports ³	Animals and animal products	Dairy products ⁴	Hides and skins ⁴	Meat and meat products ⁴	Wool excluding free in bond ⁴	Grains and feeds	Vegetable oils and oil seeds	Sugar cane or beet	Tobacco unmanufactured
1976	113	123	98	108	97	105	108	120	109	126	75	99
1977	104	107	100	99	103	91	99	112	95	113	87	96
1978	101	102	100	108	105	93	110	79	94	84	83	106
1979	115	122	105	118	116	92	127	80	114	85	80	115
1980	107	112	100	108	110	75	115	91	119	73	75	118
1981	107	109	104	111	119	118	115	152	110	115	71	112
1982	105	106	100	110	120	60	114	147	121	87	68	92
1983	111	113	106	119	139	123	119	130	136	91	49	107
1984	116	120	111	118	146	143	115	207	157	99	54	132
1985	122	125	118	133	142	150	142	145	200	108	45	133
1986 ⁵	126	129	122	143	141	175	144	191	238	133	36	145

¹ Fiscal years Oct. 1-Sept. 30 for 1976-86. ² Based on 86 percent of total value of U.S. agricultural imports in 1977. ³ Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Non-competitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers. ⁴ Included in "Animals and animal products." ⁵ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 692.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1986¹

Commodity	Public Law 480			Foreign Donations sec. 416 ²	Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations				Under specified Government programs	Outside specified Government programs ⁴	All
	Long-term credit sales ³	Government to government and World Food Program	Voluntary agencies					
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Butter.....				2.4		2.4	13.5	15.9
Cheese.....		0.1		21.7		21.8	4.4	26.2
Milk, nonfat dry.....		2.8	11.8	77.3		91.9	128.0	219.9
Anhydrous milk fat.....				24.9		24.9	—	24.2
Milk, cream dried.....				1.1		1.1	6.2	7.3
Wheat.....	378.7	58.2	12.5	5.4	59.5	515.3	2,742.6	3,258.9
Wheat flour.....	96.4	7.9	12.2			107.5	96.0	203.5
Bulgur wheat.....		11.8	60.7	3.7		76.2	1.2	77.4
Rice.....	57.6	6.3	9.3			73.2	574.3	647.5
Corn.....	12.5	9.4	1.5		47.1	70.5	3,222.4	3,292.9
Grain sorghum.....		1.1	2.9			4.0	381.7	385.7
Oats, rolled.....		1.1	.1			1.2	1.2	2.4
Cornmeal.....		8.4	7.6			16.0	17.5	33.5
Corn-soya-milk.....		8.4	34.8			43.2	9.3	52.5
Edible preparations.....		.9	1.7			2.6	11.3	13.9
Soya-sorghum-grits.....		2.8	9.1			11.9	109.2	121.1
Oil, soybean.....	21.5	35.3	44.3		2.0	103.1	188.7	291.8
Oil, cottonseed.....	12.0					12.0	96.3	108.3
Oilcake and meal, soybean.....					4.3		1,108.7	1,108.0
Seeds.....					6.7	6.7	359.7	366.4
Soy flour (defatted).....		.1				.1	2.1	2.2
Tallow, inedible.....	14.3					2.4	394.9	411.6
Poultry feed, prepared.....						.2	27.4	27.6
Feeds and fodder.....						2.9	1,286.3	1,289.2
Beans-dried.....		1.8	1.0			2.8	130.7	133.5
Peas-dried.....		1.0	1.0			.4	39.5	41.9
Lentils, dried.....					5.5	5.5	22.4	27.9
Cotton, ex. lint.....	6.2					6.2	671.4	677.6
Esisins, dried.....			1.8			1.8	194.6	196.4
Other.....					4	4	13,348.7	13,349.1
Total.....	580.2	157.4	214.3	136.5	131.4	1,228.8	25,096.5	26,324.3

See footnotes on page 502.

Table 693.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1985

Commodity	Public Law 480		Foreign donations section 416 ^a	Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs ^b	All
	Long- term credit sales ^c	Government- to- government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Baby chicks, breeder.....				0.1	0.1	43.5	43.6
Butter.....		0.1		21.2	21.3	27.1	48.4
Cheese.....		.1		37.9	38.0	-10.7	27.3
Milk—nonfat dry.....		3.7	11.9	147.2	162.8	21.2	184.0
Milk, cream dried.....				3	3	.8	1.1
Anhydrous milk fat.....				72.7	72.7	-54.9	17.8
Sausage casings.....					4	14.1	14.5
Wheat.....	504.4	85.9	18.8	11.1	620.2	3,643.5	4,263.7
Wheat flour.....	106.0	4.8	24.8		137.6	26.2	163.8
Bulgur flour.....		7.4	57.0		64.4	24.5	88.9
Rice.....	123.3	26.4	14.1		163.8	513.3	677.1
Corn.....	26.1	37.7	3.3	54.6	121.7	5,665.8	5,787.5
Grain sorghums.....		103.8	1.2		105.0	751.4	856.4
Oats.....				.7	.7	3	3.9
Oats, rolled.....			4		4	9	1.3
Cornmeal.....		13.3	16.2		29.5	14.3	43.8
Corn—soya—milk.....		23.4	42.3		65.7	-2.1	63.6
Edible preparations.....		2.6	1.9		4.5	10.0	14.5
Soya—sorghum—grits.....		3.9	16.4		20.3	79.2	99.5
Oil, soybean.....	120.0	68.0	91.0	4.0	283.0	275.2	558.2
Oil, cottonseed.....	12.9				12.9	124.6	137.5
Oil, sunflower seed.....	3.1				3.1	85.9	89.0
Oilcake and meal, soybean.....				5.6	6.6	836.4	833.0
Soy flour (defatted).....		.1	.1		.2	2.3	2.5
Cottonseed.....				.1	.1	13.4	13.5
Seeds.....				2.1	2.1	350.2	352.3
Tallow, inedible.....	16.6			1.0	17.6	514.2	531.8
Poultry feed, prepared.....				.1	.1	44.1	44.2
Beans, dried.....		12.1	3.6	.2	15.9	111.8	127.7
Peanut, dried.....		.7	.1		.8	42.5	43.3
Lentils, dried.....		.3		1.7	2.0	19.2	21.2
Cotton, ex. linters.....	13.8				13.8	1,931.2	1,945.0
Tobacco, unmgf.....				6.9	6.9	1,581.0	1,587.9
Raisins, dried.....			.7		.7	84.8	85.5
Nonalcoholic bev., nspf.....				.1	.1	9.0	9.1
Others.....		.2		.1	.3	12,421.0	12,421.3
Total.....	928.2	394.5	303.8	279.3	89.8	1,995.6	29,205.2
							31,200.8

¹ Includes long-term dollar credit and convertible foreign currency sales. ² Section 416 of the Agricultural Act of 1949, as amended by the Agricultural Programs Adjustment Act of 1964. ³ Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

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FOOTNOTES FOR TABLE 692

¹ Preliminary.

² Includes long-term dollar and convertible foreign currency sales.

³ Section 416 of the Agricultural Act of 1949, as amended by the Agricultural Programs Adjustment Act of 1964.

⁴ Agricultural exports outside Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

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Table 694.—U.S. agricultural exports under the concessional program: Estimated market value of agricultural shipments under Title I/III of Public Law 480 for fiscal years 1985 and 1986 ¹

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1985 (year ending Sept. 30, 1985)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh	51,747		21,385	9,935		10,000			93,067
Bolivia	10,379								10,379
Costa Rica	16,284	4,407							20,691
Dominican Republic	12,710		2,621			18,295			33,626
Ecuador	6,725								6,725
Egypt	221,525								221,525
El Salvador	16,735					11,034	* 12,381		40,150
Ghana				1,480					1,480
Guatemala	8,053					10,765	* 4,259		23,047
Guinea			5,068						5,068
Haiti	8,048					2,398			11,046
Honduras	13,131								13,131
Indonesia	40,462								40,462
Jamaica	11,354	12,259	8,829			4,436			36,878
Kenya	9,399								9,399
Liberia			4,530						4,530
Madagascar			11,000						11,000
Morocco	48,614		4,986						53,600
Mozambique	4,914	2,500	9,500						16,914
Pakistan						58,893			58,893
Peru	12,619		5,555			7,998			26,172
Philippines			35,064						35,064
Sierra Leone	947		2,000						2,947
Somalia	4,992	1,956	4,998				8,000		19,946
Sri Lanka	25,721								25,721
Sudan	64,235								64,235
Tunisia		2,984							2,984
Yemen Arab Rep.	1,990		8,000						9,990
Zaire	13,283	2,100		2,900					17,383
Zambia	3,396					3,573			6,969
Zimbabwe	7,808								7,808
Total	615,555	26,156	123,523	13,415		125,992		16,640	981,381
1986 (year ending Sept. 30, 1986 ²)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh	44,824		10,000	2,523		5,700			63,047
Bolivia	28,816								28,816
Costa Rica	16,192								16,192
Dominican Republic	7,042		4,379			4,303			15,724
Ecuador	2,765								2,765
Egypt	206,717								206,717
El Salvador	19,769					12,357	* 13,854		45,980
Ghana			4,000	3,745					7,745
Guatemala	6,155					4,214	* 1,403		11,772
Guinea	810		6,941						6,941
Haiti	10,333					1,989			12,322
Honduras	11,945							* 1,002	12,947
Indonesia	19,713								19,713
Jamaica	13,015	8,118	8,412						29,545
Kenya	7,064		2,533						9,597
Liberia			12,480						12,480
Madagascar			4,000			3,992			7,992
Morocco	1,419					500			1,919
Mozambique	5,373	2,300	2,900						10,573
Pakistan						22,294			22,294
Peru	12,686								12,686
Philippines	20,866		4,933						25,799
Senegal			6,978						6,978
Sierra Leone	1,923		2,000						3,923
Somalia	4,380		4,999				4,801		14,180
Sri Lanka	32,962								32,962
Sudan	44,926								44,926
Tunisia		5,940							5,940
Yemen Arab Rep.	1,990		3,767						5,757
Zaire	6,875			4,978					11,853
Zambia	4,633					3,113			7,746
Total	566,729	16,258	77,712	11,246		63,163		16,259	751,367

See footnotes on page 504.

Table 695.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance, and total, fiscal years 1981-86 ¹

Type of export	1981	1982	1983	1984	1985	1986 ²
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Public Law 480:						
Long-term dollar and convertible foreign currency credit sales.....	790	722	810	775	928	589
Government-to-government and World Food Program donations.....	241	158	178	291	395	157
Donations through voluntary agencies.....	302	227	207	811	304	214
Foreign donations, section 416 ³				129	279	197
Foreign Assistance Act of 1961, as amended (AID).....	150	82	130	104	90	131
Total agricultural exports under specified Government programs.....	1,492	1,189	1,325	1,610	1,996	1,228
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Commercial exports (sales for dollars):						
Without assistance.....	40.5	36.5	29.3	32.6	26.4	22.7
With assistance ⁴	1.8	1.4	4.1	3.8	2.8	2.4
Total commercial exports.....	42.3	37.9	33.4	36.4	29.2	25.1
Total exports.....	43.8	39.1	34.8	38.0	31.2	26.3

¹ Fiscal years Oct. 1-Sept 30 for 1981-86.

² Preliminary.

³ Section 416 of the Agricultural Act of 1949, as amended by the Agricultural Programs Adjustment Act of 1964.

⁴ Export credit guarantees under GSM-5, GSM-101, GSM-102, Blended credit.

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FOOTNOTES FOR TABLE 694

¹ Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the act was signed in 1966 (P.L. 89-808).

² Usable follow.

³ Preliminary.

FAS-Program Analysis Division Export Credits.

Table 696.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1982-86¹

Product	1982	1983	1984	1985	1986 ^a
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	215,405,300	194,141,646	208,041,201	210,437,100	202,937,600
Nonagricultural commodities.....	176,306,096	150,372,190	170,014,381	179,236,302	176,613,283
Agricultural commodities.....	39,097,204	34,769,456	38,026,820	31,200,798	26,324,317
Animals and animal products ^b	4,075,090	3,748,000	4,218,382	4,075,478	4,367,186
Animals, live excluding poultry.....	246,665	264,108	276,238	255,241	344,279
Cattle.....	60,370	38,939	47,973	196,445	130,992
Other.....	186,295	225,169	228,265	148,796	223,287
Dairy products.....	370,352	348,869	393,453	413,532	429,561
Butter and anhydrous milkfat.....	155,857	58,911	76,226	66,221	40,151
Cheese and curd.....	24,313	33,940	35,627	27,308	26,216
Milk, condensed, or evaporated.....	12,199	2,235	3,673	5,142	5,677
Milk, nonfat dry.....	54,795	148,203	186,558	183,997	219,926
Other.....	123,188	105,580	91,369	130,864	137,591
Fats, oils and grosses.....	701,621	595,189	703,164	607,907	476,518
Lard and other rendered pig fat.....	30,553	22,137	24,443	28,507	25,480
Tallow, inedible.....	597,251	519,021	635,225	581,787	411,591
Other.....	73,815	52,031	53,496	47,613	39,447
Meats and meat preparations.....	983,611	925,680	929,414	905,626	1,012,383
Beef and veal, except offals.....	344,390	404,867	447,245	477,523	539,055
Pork, except offals.....	208,212	172,936	197,798	73,106	80,757
Offals, edible, variety meats.....	315,581	266,707	272,685	293,996	326,178
Other.....	115,428	81,170	71,691	61,014	66,393
Poultry and poultry products.....	578,967	451,086	412,533	392,750	455,308
Poultry, live.....					
Breeding chicks.....	44,439	46,351	42,817	43,610	44,052
Baby chicks, excluding breeding.....	8,405	7,620	6,600	5,290	3,968
Other.....	5,491	5,426	4,245	3,806	4,840
Poultry meat; fresh, frozen:					
Chickens.....	286,797	222,744	218,261	209,942	220,795
Turkeys.....	38,796	30,396	18,375	16,066	14,013
Other.....	13,442	11,380	15,859	14,064	15,264
Eggs.....	127,063	72,880	50,567	56,347	75,275
Other.....	54,535	53,789	56,109	43,535	68,301
Hides and skins, including furskins.....	1,021,249	997,499	1,317,789	1,324,624	1,455,516
Cattle hides, whole.....	667,865	709,462	1,009,607	1,019,999	1,149,778
Furskins.....	264,835	215,297	206,021	209,210	194,837
Other.....	88,549	72,740	102,161	96,475	110,901
Other animal products.....	172,625	167,569	185,496	175,796	193,623
Hair, animal, excluding wool or fine hair.....	2,419	2,458	2,897	2,361	3,876
Sausage casings.....	18,214	19,659	18,949	14,832	17,824
Wool, unmanufactured, including fine hair.....	32,022	26,971	43,245	45,297	45,134
Other.....	119,970	108,471	121,305	113,666	126,789
Vegetable products ^c	35,022,114	31,021,456	33,806,438	27,123,320	21,937,149
Cotton, unmanufactured.....	2,162,561	1,702,967	2,405,110	1,946,828	691,963
Cotton, raw.....	2,141,141	1,682,924	2,394,592	1,945,039	677,570
Linters.....	21,420	20,043	10,518	21,789	14,295
Fruits and preparations.....	1,394,088	1,374,324	1,270,196	1,290,127	1,227,041
Canned.....	104,750	97,433	72,933	60,849	60,385
Dried.....	207,176	180,510	161,639	164,146	192,512
Fresh.....	906,223	896,755	781,452	744,650	803,448
Fruit juices.....	231,542	232,138	223,245	199,590	148,394
Other.....	42,397	37,488	30,929	30,892	31,696
Nuts and preparations.....	575,108	507,825	547,509	696,348	677,484
Grains and feeds.....	17,114,804	15,049,941	17,203,849	13,285,286	9,475,783
Feed grains and products.....	7,050,594	6,581,599	8,216,510	6,883,882	3,818,524
Feed grains.....	6,965,256	6,495,507	8,128,621	6,791,576	3,745,069
Barley.....	249,588	113,449	277,551	145,960	62,891
Corn.....	5,961,815	5,716,519	7,022,853	5,787,517	3,292,901
Grain sorghum.....	745,622	661,300	829,235	856,385	385,729
Oats.....	2,382	1,189	2,117	966	2,799
Rye.....	6,549	2,551	866	748	749
Other.....	84,338	86,092	87,899	92,306	73,755
Rice.....	1,455,536	874,340	896,906	677,108	647,507
Wheat and products.....	7,675,082	6,223,092	6,783,167	4,325,900	2,646,168
Wheat.....	7,494,709	5,910,026	6,497,140	4,263,694	2,558,879
Wheat flour.....	180,542	256,054	233,904	163,832	203,532
Other wheat products.....	59,838	57,012	52,123	96,374	83,757
Blended food products.....	56,071	42,061	61,762	68,520	56,966
Other.....	144,325	135,846	129,578	126,192	117,097
Feeds and fodders, excluding oilcake and meal.....	1,038,189	1,192,963	1,215,925	1,003,783	1,280,221
Corn byproducts.....	500,606	629,678	665,907	530,967	734,609
Alfalfa meal and cubes.....	81,511	86,615	79,338	63,220	84,392
Other.....	456,072	476,660	471,675	409,596	470,220

See footnotes at end of table.

Table 696.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1982-86 ¹—Continued

Product	1982	1983	1984	1985	1986 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Vegetable products—Continued					
Oilseeds and products.....	9,545,447	8,720,904	8,601,901	6,194,548	6,286,107
Oilseed cake and meal.....	1,497,960	1,486,258	1,216,947	852,939	1,126,699
Soybean oilseed cake and meal.....	1,452,853	1,448,978	1,181,324	833,033	1,106,015
Other.....	45,107	37,280	35,623	19,905	18,684
Oilseeds.....	7,058,805	6,332,284	6,254,214	4,323,891	4,393,887
Soybeans.....	6,478,933	5,865,752	5,734,244	3,875,897	4,173,609
Other.....	516,681	397,346	454,358	397,762	185,086
Protein substances.....	63,191	69,286	65,618	50,232	54,242
Vegetable oils and waxes.....	988,682	902,362	1,130,740	1,017,718	745,522
Soybean oil.....	498,074	461,677	632,531	558,195	291,756
Other.....	490,608	440,685	498,209	459,523	453,767
Tobacco, unmanufactured.....	1,486,481	1,487,156	1,432,724	1,587,965	1,317,510
Flue-cured.....	1,026,158	1,015,796	989,437	1,067,741	813,001
Other.....	460,323	471,360	443,287	520,164	504,509
Vegetable and preparations	1,442,585	989,540	998,530	945,832	1,000,096
Canned.....	134,526	117,381	106,901	94,871	100,487
Pulses.....	543,590	187,432	173,197	192,220	203,324
Fresh.....	330,973	275,939	296,814	231,694	226,788
Hops, including extract.....	73,168	62,419	60,851	52,609	51,781
Other.....	360,328	346,369	360,674	374,438	417,716
Essential oils.....	84,067	97,992	95,585	104,877	104,924
Seeds, except oilseeds.....	299,101	332,978	325,874	352,273	366,367
Other vegetable products.....	917,872	768,029	827,149	801,197	819,954

¹ Fiscal years, Oct. 1-Sept. 30.² Preliminary.³ Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 697.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1982-86 ¹

Product	1982	1983	1984	1985 ²	1986 ³
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	248,834,100	246,899,600	316,652,347	333,602,900	363,729,900
Nonagricultural commodities.....	233,349,013	230,526,227	297,736,581	313,863,288	342,854,830
Agricultural commodities.....	15,485,087	16,373,373	18,915,766	19,739,612	20,875,070
Competitive ⁴.....	10,198,216	10,908,802	12,239,505	12,959,006	13,072,370
Animals and animal products.....	3,617,371	3,865,767	3,918,808	4,152,796	4,282,605
Animals, live, excluding poultry.....	401,009	555,044	595,579	568,589	636,995
Cattle, dutiable.....	241,407	329,716	286,946	228,777	386,021
Meats and meat products.....	2,023,504	2,091,759	1,931,290	2,213,862	2,248,336
Meats, Pt. 88-482.....	1,221,222	1,190,679	1,062,699	1,097,233	1,084,865
Meats, fresh, frozen.....	1,483,983	1,421,615	1,273,055	1,529,989	1,573,403
Beef and veal.....	1,220,317	1,188,588	1,061,080	1,086,090	1,082,304
Pork.....	217,457	219,318	292,120	388,918	425,380
Mutton, goat, and lamb.....	27,258	23,053	12,791	22,392	36,307
Meats, prepared, preserved.....	529,877	637,040	632,612	675,194	664,102
Beef and veal.....	166,826	196,843	204,314	198,720	169,968
Pork.....	343,426	418,280	411,680	467,602	474,144
Mutton, goat, and lamb.....	410	458	506	645	506
Poultry and products.....	67,465	90,606	121,712	92,582	101,062
Dairy products.....	661,251	709,482	757,363	763,435	786,092
Nonfat dry milk.....	934	885	793	1,112	796
Cheese.....	368,234	393,868	388,665	364,097	385,657
Casein and mixtures.....	212,375	198,071	189,256	212,777	197,322
Fats, oils and greases.....	5,608	6,773	13,074	17,760	16,862
Hides and skins.....	211,430	190,961	216,411	239,846	200,115
Sheep and lamb skins.....	36,775	35,247	25,247	30,433	27,120
Furkins.....	130,849	132,143	149,732	165,965	138,972
Wool, unmanufactured excluding free.....	114,717	94,925	146,391	109,911	123,315
Sausage casings.....	43,503	49,074	48,458	49,545	50,820
Other animal products.....	83,884	77,142	88,224	97,266	118,988
Vegetable products.....	5,580,845	7,043,035	8,320,702	8,806,210	8,789,765
Grains and feeds.....	396,932	447,801	533,693	603,747	668,480
Wheat, excluding seed, edible.....	45	11,579	13,013	29,507	25,142
Barley.....	36,296	20,763	16,435	16,893	17,765
Biscuits, wafers.....	109,270	127,136	156,123	192,777	244,815
Feeds and fodders.....	96,640	112,188	135,231	111,856	118,850

See footnotes on page 509.

Table 697.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1982-1986¹—Continued

Product	1982	1983	1984	1985 *	1986 *
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Competitive ² —Continued					
Vegetable products—Continued					
Fruits and preparations.....	890,839	1,042,000	1,320,111	1,791,435	1,551,739
Fresh or frozen.....	280,972	306,611	357,405	450,833	507,570
Strawberries.....	21,546	20,251	22,111	23,904	34,728
Prepared or preserved.....	219,174	256,326	292,205	345,113	346,581
Pineapples.....	115,946	131,549	121,797	148,834	162,552
Fruit juices.....	390,150	479,064	670,591	995,494	697,587
Nuts and preparations.....	215,521	235,365	318,977	342,421	391,532
Vegetables and preparations.....	1,119,157	1,137,596	1,314,943	1,346,846	1,539,525
Fresh or frozen.....	515,414	545,386	590,686	644,041	739,357
Tomatoes.....	165,162	225,092	174,687	168,567	323,796
Prepared or preserved.....	603,742	592,511	733,357	702,906	760,171
Olives.....	99,989	80,067	95,955	82,282	100,962
Mushrooms, canned.....	34,574	105,786	155,150	125,606	139,925
Hops and extract.....	36,866	33,844	37,280	37,622	49,495
Sugar and related products.....	1,380,157	1,228,759	1,463,703	1,390,030	1,602,217
Sugar, cane, and beet.....	1,176,572	973,632	1,144,338	911,942	654,243
Molasses, inedible.....	64,469	63,562	94,543	91,637	82,797
Confectionery products.....	82,823	91,416	108,105	145,197	104,413
Spices.....	19,573	22,236	22,595	37,331	28,027
Tobacco, unmanufactured.....	479,592	733,584	582,905	555,536	605,573
Tobacco, filler.....	278,149	311,752	488,075	498,999	554,528
Tobacco, scrap.....	42,293	37,168	42,631	32,730	29,102
Beverages, excluding fruit juices.....	1,252,328	1,345,559	1,544,966	1,622,390	1,847,373
Wine.....	767,568	817,496	932,141	945,344	1,015,340
Malt beverages.....	450,138	499,133	578,166	601,540	763,363
Oilseeds and products.....	514,735	492,967	799,019	784,945	638,910
Oilseeds and oilcups.....	79,951	79,681	94,859	97,962	69,055
Flaxseed.....	18,851	15,709	32,441	33,779	12,590
Sesame seed.....	33,250	37,881	32,374	32,423	26,102
Oil and waxes—vegetables.....	424,897	399,144	683,151	609,766	555,204
Castor oil.....	27,773	25,134	47,021	31,769	18,589
Coconut oil.....	210,562	171,792	337,329	301,846	211,941
Olive oil.....	47,213	47,216	53,732	53,001	71,167
Palm oil.....	46,129	52,950	96,088	105,849	105,356
Palm kernel oil.....	48,998	56,470	79,498	108,232	70,079
Cotton, excluding linters.....	11,558	4,367	6,394	6,362	7,991
Cotton linters.....	2,299	2,929	11,902	19,606	6,016
Seeds, field and garden.....	96,706	90,596	95,542	90,863	111,204
Nursery stock.....	187,838	227,649	291,930	317,821	352,876
Other vegetable products.....	34,070	28,305	31,540	36,786	27,779
Noncompetitive ³	5,286,872	5,464,571	6,076,200	6,780,006	7,302,700
Bananas, fresh.....	552,827	554,127	636,745	713,351	690,535
Plantains, fresh.....	19,696	21,787	24,789	34,903	24,715
Coffee, green.....	2,619,508	2,652,468	3,091,468	3,047,973	4,151,135
Coffee, roasted.....	35,977	34,083	48,738	45,936	62,794
Coffee, soluble, extracts.....	167,295	145,507	190,219	148,791	196,080
Cocoa beans.....	325,967	378,711	275,655	532,405	446,777
Cocoa butter.....	165,578	185,490	238,811	306,009	319,125
Cocoa, cake, powder, etc.....	56,987	65,551	143,687	139,740	105,112
Chocolate preparations.....	158,575	195,488	298,187	322,297	292,707
Tea, crude or prepared.....	126,161	127,836	198,941	182,589	198,214
Spices.....	156,194	172,834	305,533	242,690	345,343
Pepper, unground, black.....	30,101	29,683	44,953	71,425	149,342
Vanilla beans.....	35,268	45,489	53,530	48,943	64,161
Other.....	90,825	96,662	107,640	122,315	131,840
Rubber, crude, natural.....					
Rubber-latex.....	54,444	65,335	81,991	62,948	69,584
Rubber-dry form.....	516,485	510,355	765,441	607,472	535,589
Silk, raw.....	7,942	7,775	8,598	7,276	5,885
Wool, unmanufactured, duty-free.....	33,622	29,037	47,033	35,336	37,141
Fibers, excluding cotton, jute.....	35,723	28,904	28,021	25,438	23,670
Essential oils.....	78,512	89,423	107,438	102,513	112,096
Drugs, crude natural.....	150,659	163,783	196,592	263,569	182,534
Other.....	34,622	34,977	38,506	39,728	66,394

See footnotes on page 509.

Table 698.—Agricultural exports: Value of U.S. exports to the European Community, by Commodity, fiscal years 1984/85 and 1985/86

Commodity	Value		Commodity	Value	
	1984/85	1985/86 *		1984/85	1985/86 *
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Total agricultural exports.....	6,667,727	6,430,773	Variety meats, edible offals.....	89,319	103,189
Variable-levy commodities.....	1,202,873	671,520	Feathers and downs, crude.....	1,613	19,702
Beef and veal.....	4,090	6,674	Tallow—insoluble.....	84,134	78,090
Pork.....	8,664	2,912	Other animal fats and oils.....	4,956	5,450
Other meats—fresh or pre- pared.....	712	752	Hides and skins, incl. furs.....	200,128	209,968
Poultry—live.....	6,947	8,154	Cattle hides, whole.....	96,019	91,956
Baby chicks.....	6,871	8,135	Fur skins.....	31,184	84,598
Poultry meats.....	6,515	11,184	Wool and mohair.....	39,362	37,608
Chickens—fresh or frozen.....	3,202	7,161	Sausage casings.....	3,969	4,849
Turkeys—fresh or frozen.....	1,361	1,181	Bull semen.....	8,963	11,448
Other poultry—fresh or frozen.....	1,525	2,884	Misc. animal products— other.....	36,170	37,098
Poultry meats—prepared or preserved.....	427	458	Corn by-products.....	491,956	684,444
Eggs.....	4,819	6,650	Alfalfa meal and cubes.....	89	7,733
Dairy products.....	14,808	14,428	Beet pulp.....	3,394	16,324
Lard.....	33	512	Citrus pulp pellets.....	37,903	54,089
Wheat, unmilled.....	239,069	173,152	Other feeds and fodders.....	123,484	153,173
Wheat, flour.....	167	262	Fruits and prep., excluding juice.....	117,351	160,824
Other wheat products.....	231	488	Fruits, fresh.....	46,548	70,768
Rice-paddy, milled.....	93,685	64,541	Fruits, fresh, citrus.....	31,668	39,913
Feed grains and products.....	799,545	845,016	Grapefruit, fresh.....	20,399	34,255
Feed grains.....	794,343	831,745	Lemons and limes, fresh.....	3,855	982
Barley.....	22	0	Oranges and tanger- ines, fresh.....	6,911	4,564
Corn.....	780,364	328,365	Other citrus, fresh.....	508	162
Grain sorghums.....	13,591	3,341	Fruits, fresh, noncitrus.....	14,879	30,854
Oats.....	1	15	Apples, fresh.....	4,528	7,283
Rye.....	365	24	Grapes, fresh.....	314	3,541
Blended food products.....	30	198	Other noncitrus, fresh.....	10,038	20,030
Other grain products.....	4,650	5,813	Fruits, dried.....	54,215	77,442
Sugar.....	527	1,107	Raisins, dried.....	24,555	38,459
Related sugar products.....	10,295	26,041	Prunes, dried.....	27,933	33,662
Chocolate and prep.....	3,331	2,019	Other dried fruits.....	1,727	5,321
Nonvariable-levy commodities.....	5,464,854	5,759,254	Fruits—canned excl. juice.....	6,003	4,058
Animals live—excluding poultry.....	101,497	158,795	Fruits—fros. excl. juice.....	2,222	2,089
Horses, mules, burros— live.....	101,179	158,194	Other fruits—prep. or pres.....	8,363	6,468
Horsemeat—fr. chill, froz.....	30,830	37,784			

See footnote at end of table.

Table 698.—Agricultural exports: Value of U.S. exports to the European Community, by Commodity, fiscal years 1984/85 and 1985/86 ¹—Continued

Commodity	Value		Commodity	Value	
	1984/85	1985/86 ²		1984/85	1985/86 ²
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Nonvariable levy commod- ities—Continued			Sunflowerseeds	147,275	23,047
Fruit juices incl. frozen	16,905	16,085	Other oilseeds	49,194	28,558
Orange juice	12,580	11,176	Protein substances	15,086	16,341
Other fruit juices	5,724	4,860	Vegetable oils	53,789	72,147
Nuts and preparations	330,463	357,327	Soybean oil	93	226
Almonds (shelled basis)	181,941	190,921	Cottonseed oil	4,739	7,362
Peanuts, shelled or prep- arations	89,716	112,164	Sunflower oil	15	393
Walnuts, shelled/unshelled	48,824	44,617	Other vegetable oils and waxes	48,941	63,657
Vegetables and preparations	127,743	135,322	Tobacco—unmfg.	662,982	549,177
Vegetables—fresh	4,742	6,422	Cotton, excl. linters	375,256	122,788
Vegetables—frozen	2,841	3,289	Cotton linters	11,189	6,292
Vegetables—canned	21,983	24,395	Essential oils	47,301	49,857
Pulses	57,522	64,539	Seeds—field and garden	101,185	189,584
Dried beans	46,114	49,383	Coffee	971	2,165
Dried peas	4,512	4,966	Cocoa	136	3
Dried lentils	6,894	10,190	Tea and mate	380	778
Hops, including hop extract	4,613	3,615	Spices	3,146	3,961
Other veg.—prep. or pres.	36,042	33,062	Flavoring sirups and extract	24,614	25,226
Oilseeds and products	2,322,821	2,505,958	Rubber—crude natural	2,970	2,809
Oilcake and meal	329,560	542,424	Fibers excl. cotton	116	122
Soybean meal	318,516	527,906	Nursery and greenhouse prod- ucts		
Other oilcake and meal	11,044	14,517		20,877	21,124
Oilseeds	1,939,473	1,891,387	Beverages excl. juices	1,276	2,529
Soybeans	1,727,919	1,828,441	Other miscellaneous vegetable products	29,913	29,517

¹ Fiscal years Oct. 1–Sept. 30.² Preliminary.

Economic Research Service.

FOOTNOTES FOR TABLE 697

¹ Fiscal years, Oct. 1–Sept. 30.² Preliminary.

³ Competitive agricultural import products consists of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 699.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1984-86¹

Country	1984			1985			1986		
	Total agricultural exports	Under specified Government financed programs ²	Outside specified Government financed programs ²	Total agricultural exports	Under specified Government financed programs ²	Outside specified Government financed programs ²	Total agricultural exports	Under specified Government financed programs ²	Outside specified Government financed programs ²
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan.....	6,935.2	0	6,935.2	5,663.0	0	5,663.0	5,139.2	0	5,139.2
Netherlands.....	2,226.8	0	2,226.8	1,925.9	0	1,925.9	2,042.3	0	2,042.3
Canada.....	1,936.1	0	1,936.1	1,727.4	0	1,727.4	1,466.0	0	1,466.0
Korea, Rep. of.....	1,816.1	0	1,816.1	1,399.7	0	1,399.7	1,276.9	0	1,276.9
Mexico.....	1,965.5	10.7	1,954.8	1,566.4	77.4	1,489.0	1,115.3	37.1	1,078.2
Taiwan.....	1,408.7	0	1,408.7	1,341.8	0	1,341.8	1,108.4	0	1,108.4
USSR.....	2,512.3	0	2,512.3	2,524.8	0	2,524.8	1,105.4	0	1,105.4
Germany, Fed. Rep. of.....	1,259.9	0	1,259.9	899.8	0	899.8	1,001.3	0	1,001.3
Egypt.....	381.8	360.3	21.5	766.2	0	766.2	874.5	360.1	514.4
Spain, incl. Canary Is.....	1,231.9	0	1,231.9	831.8	305.6	526.2	723.3	0	723.3
Italy.....	770.5	0	770.5	676.5	0	676.5	692.8	0	692.8
United Kingdom.....	790.0	0	790.0	628.3	0	628.3	628.1	0	628.1
Venezuela.....	778.1	0	778.1	721.5	0	721.5	493.3	0	493.3
Brazil.....	437.6	27.7	409.9	557.3	20.7	536.6	444.3	15.6	428.7
France.....	510.3	0	510.3	395.5	0	395.5	430.7	0	430.7
Hong Kong.....	407.4	0	407.4	396.2	0	396.2	399.9	0	399.9
Belgium-Luxembourg.....	835.8	0	835.8	470.5	0	470.5	361.1	0	361.1
Iraq.....	422.9	0	422.9	371.5	0	371.5	335.2	0	335.2
Saudi Arabia.....	496.9	0	496.9	381.1	0	381.1	335.1	0	335.1
Algeria.....	162.1	0	162.1	220.1	.4	219.7	330.3	0	330.3
Portugal.....	701.7	0	701.7	502.1	2.1	500.0	307.5	2.0	305.5
Pakistan.....	285.4	94.6	190.8	227.9	113.1	114.8	285.3	102.9	182.4
Philippines.....	300.3	21.8	278.5	264.9	47.5	217.4	269.1	22.9	246.2
Israel.....	351.0	0	351.0	300.0	0	300.0	255.2	0	255.2
Indonesia.....	438.1	42.0	396.1	304.3	17.2	287.1	172.2	6.3	165.9
Dominican Rep.....	175.5	29.0	146.5	167.8	38.1	129.7	169.7	10.7	159.0
Morocco.....	341.4	55.8	285.6	156.3	67.2	89.1	158.7	32.8	125.9
Nigeria.....	344.9	0	344.9	366.6	0	366.6	158.4	0	158.4
Australia.....	134.4	0	134.4	131.9	0	131.9	137.4	0	137.4
Colombia.....	219.5	0	219.5	238.0	0	238.0	137.2	0	137.2
Yugoslavia.....	179.8	0	179.8	136.5	0	136.5	134.4	0	134.4
Switzerland.....	311.4	0	311.4	231.6	0	231.6	128.3	0	128.3
Singapore.....	159.9	0	159.9	119.4	0	119.4	115.5	0	115.5
Romania.....	154.6	0	154.6	88.2	0	88.2	111.6	0	111.6
Turkey.....	221.9	0	221.9	128.6	0	128.6	111.3	0	111.3
Sweden.....	110.4	0	110.4	102.5	0	102.5	110.6	0	110.6
Peru.....	226.7	52.9	173.8	106.3	42.4	63.9	108.3	20.0	88.3
Bahamas.....	68.5	0	68.5	87.4	0	87.4	106.2	0	106.2
Ethiopia.....	12.1	13.0	-9	140.7	118.3	22.4	104.5	79.7	24.8
Jamaica.....	145.5	20.0	125.5	121.0	37.4	83.6	101.5	29.5	72.0
Denmark.....	122.6	0	122.6	110.9	0	110.9	101.0	0	101.0
Trinidad and Tobago.....	133.5	0	133.5	114.4	0	114.4	95.8	0	95.8
Bangladesh.....	157.1	106.6	50.5	205.4	139.8	65.6	94.1	76.5	17.6
India.....	375.6	122.9	252.7	129.4	85.8	43.6	90.3	70.9	19.4
Norway.....	119.2	0	119.2	80.1	0	80.1	89.2	0	89.2
El Salvador.....	98.3	56.0	42.3	85.3	51.1	34.2	88.3	41.1	47.2
Ireland.....	118.2	0	118.2	121.4	0	121.4	87.8	0	87.8
China.....	692.3	0	692.3	238.8	0	238.8	87.2	0	87.2
Panama.....	93.8	2.1	91.7	83.5	.1	83.4	83.9	1	83.8
Malaysia.....	142.4	0	142.4	97.6	0	97.6	82.4	0	82.4
Other countries.....	3,804.9	594.4	2,710.5	2,626.7	800.5	1,826.2	1,937.0	410.6	1,526.4
Total.....	38,026.8	1,609.7	36,417.1	31,200.8	1,995.7	29,205.1	26,224.3	1,229.8	25,094.5

¹ Fiscal years, Oct. 1-Sept. 30.² Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes shipments under the Foreign Assistance Act of 1961, as amended and beginning 1984, section 416 of the Agricultural Act of 1949, as amended by the Agricultural Programs Act of 1984.³ "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of the extension of credit and credit guarantees for relatively short periods through the Commodity Credit Corporation.

Economic Research Service.

Table 700.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1984-86¹

Country	1984			1985			1986		
	Total	Noncom- petitive ²	Compe- titive ²	Total	Noncom- petitive ²	Compe- titive ²	Total	Noncom- petitive ²	Compe- titive ²
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Mexico.....	1,334.3	406.5	927.8	1,289.8	370.5	919.3	1,981.5	667.5	1,314.0
Canada.....	1,786.1	71.9	1,664.8	1,907.9	77.8	1,830.1	1,971.3	119.4	1,851.9
Brazil.....	1,936.6	1,088.7	902.9	2,421.0	1,158.1	1,262.9	1,864.1	970.9	893.2
Colombia.....	710.3	518.9	191.4	737.5	562.3	175.2	911.0	730.9	180.1
Australia.....	732.8	4.9	727.9	764.4	5.2	759.2	759.4	6.0	753.4
France.....	607.0	44.4	562.6	644.1	47.6	596.5	755.3	56.2	699.1
Netherlands.....	591.1	122.1	469.0	604.5	103.4	501.1	677.8	107.0	570.8
Indonesia.....	791.4	770.3	21.1	722.8	657.9	64.9	647.4	615.0	32.4
Germany, Fed. Rep. of.....	529.0	110.0	419.0	581.8	124.4	457.4	633.4	159.3	474.1
Denmark.....	485.8	40.7	445.1	584.6	39.8	544.8	596.6	34.5	562.3
New Zealand.....	533.8	35.3	498.5	625.7	26.2	599.5	596.5	29.3	567.2
Ecuador.....	368.2	267.9	10.3	503.3	486.3	17.0	561.6	548.8	12.8
Italy.....	532.0	19.1	512.9	533.2	22.5	510.7	538.6	22.5	515.1
Philippines.....	607.5	60.5	547.0	526.3	78.9	447.4	525.5	93.1	432.4
Guatemala.....	356.8	220.2	136.6	331.3	227.0	104.3	483.3	391.7	91.6
Ivory Coast.....	387.0	386.5	.5	480.4	476.2	4.2	401.8	396.3	5.5
India.....	240.3	102.8	137.5	257.2	125.4	131.8	359.6	198.5	161.1
Dominican Rep.....	454.4	167.4	287.0	400.6	143.7	256.9	348.7	165.4	183.3
Malaysia.....	432.0	255.6	176.4	382.5	181.1	201.4	339.7	166.8	152.9
Costa Rica.....	312.6	220.2	92.4	293.2	200.0	93.2	339.7	226.7	113.0
El Salvador.....	255.8	217.1	38.7	249.1	212.7	36.4	339.1	321.6	17.5
Spain, incl. Canary Is.	299.0	13.2	285.8	297.8	14.8	283.0	327.0	20.0	307.0
Honduras.....	284.4	188.5	95.9	265.5	205.4	60.1	290.1	241.3	48.8
Argentina.....	320.7	33.3	287.4	293.6	27.9	265.7	276.6	28.6	258.0
Thailand.....	199.5	63.9	135.6	218.7	60.3	149.4	263.4	87.8	175.6
Chile.....	156.1	1.1	155.0	207.9	.9	207.0	223.0	2.2	220.8
Turkey.....	215.0	12.8	202.2	206.1	7.3	200.8	214.4	9.8	204.6
United Kingdom.....	174.0	56.3	117.7	197.7	64.3	133.4	204.8	51.0	153.8
Japan.....	214.9	17.9	197.0	202.5	17.1	185.4	199.4	22.3	177.1
Taiwan.....	200.2	12.3	187.9	194.7	13.5	181.2	193.4	8.6	184.8
China.....	194.1	58.3	135.8	186.4	64.2	122.2	191.4	54.0	137.4
Peru.....	169.9	105.9	64.0	146.8	100.3	46.5	160.5	139.5	30.0
Uganda.....	101.3	101.2	0	100.3	100.3	0	144.9	144.8	.1
Ireland.....	94.6	11.7	82.9	109.9	11.3	98.6	144.4	15.4	129.0
Panama.....	119.4	64.9	54.5	138.3	110.0	28.3	137.0	111.1	25.9
Poland.....	92.6	.3	92.3	108.7	.2	108.5	120.9	1.0	119.9
Switzerland.....	105.1	27.0	78.1	102.6	81.0	21.6	110.4	35.0	75.4
Kenya.....	59.7	55.2	4.5	62.6	57.7	4.9	103.9	100.2	3.7
Belgium-Luxembourg.....	55.1	20.3	34.8	70.0	23.7	46.3	96.9	25.1	71.8
Finland.....	102.1	2.9	99.2	106.3	7.1	99.2	91.4	10.6	80.8
Sweden.....	50.5	4.5	46.0	89.1	4.7	84.4	87.5	8.2	79.3
Greece.....	86.6	2.6	84.0	77.2	2.6	74.6	86.9	4.4	82.5
Singapore.....	83.6	66.7	16.9	81.5	60.8	30.7	83.6	59.4	24.2
Rep. of S. Africa.....	118.3	5.2	113.1	100.0	3.0	97.0	80.5	4.3	76.2
S. Korea.....	58.4	4.2	54.2	56.3	3.4	52.9	78.3	4.4	73.9
Hong Kong.....	61.6	5.4	56.2	60.4	7.4	53.0	77.6	9.8	67.8
Israel.....	61.2	5.4	55.8	63.4	6.5	56.9	73.0	4.8	68.2
Ghana.....	21.2	20.9	.3	33.5	33.5	0	72.5	72.4	.1
Ethiopia.....	79.6	72.5	7.1	51.0	44.1	6.9	67.5	61.2	6.3
Madagascar.....	66.2	59.2	7.0	57.7	52.9	4.8	63.5	50.1	4.4
Other countries.....	1,136.1	417.2	718.9	1,014.9	312.4	702.5	969.3	363.0	606.3
Total ⁴	18,915.8	5,676.3	12,239.5	19,739.6	5,780.6	12,959.0	20,875.1	7,892.7	13,072.4

¹ Fiscal years Oct. 1-Sept. 30.² Competitive agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.³ Beginning January 1, 1984 includes Canary Islands.⁴ Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 701.—European Community: Value of agricultural imports by origin, 1972-86 ^a

Year ^a	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1973.....	4,872	17,333	20,177	42,382
1974.....	5,799	21,119	21,891	48,809
1975.....	6,162	24,429	21,527	52,118
1976.....	6,689	25,885	24,454	57,028
1977.....	7,427	29,817	30,278	67,522
1978 ^b	8,309	37,909	31,896	77,294
1979.....	9,376	44,218	37,633	91,227
1980.....	10,622	48,270	38,280	97,172
1981.....	9,784	44,197	32,775	86,756
1982.....	8,878	44,679	31,275	84,832
1983.....	7,830	43,557	30,244	81,631
1984.....	6,787	42,953	32,250	81,990
1985.....	5,677	46,018	32,749	84,444
1986.....	5,721	59,642	36,194	100,957

^a Based on data from the United Nations, Organisation for Economic Cooperation and Development, and the European Community.

^b Data on calendar year basis.

^c Includes Greece.

Economic Research Service.

Table 702.—Food Acquisition: Expenditures for food items by selected Federal Government Agencies, ¹ fiscal years 1985-86

Agency	Total expenditures		Agency	Total expenditures	
	1985	1986		1985	1986
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
Department of Defense:			Department of Agriculture:		
Contractual obligations.....	1,549,000	1,700,000	Commodity Credit Corporation, Dairy price support.....	1,819,000	2,036,035
Indefinite delivery type contracts (estimate).....	420,000	350,344	Other purchases.....	460,500	476,914
Miscellaneous total (estimate).....	100,000	100,000	Total.....	2,280,300	2,512,949
Total DOD.....	2,069,000	2,210,344	Public Law 480 (Food for Peace)		
Veterans Administration:			Agricultural Marketing Service.....	701,600	402,500
Central procurement.....	45,300	52,553	Total USDA.....	3,455,300	3,403,649
Local procurement.....	50,200	53,580	Total.....	5,619,800	5,726,126
Total VA.....	95,500	106,133			

¹ These comprise the major Federal expenditures for these purposes. A complete accounting is not available. Agricultural Marketing Service.

Table 703.—Fisheries: Quantity and value of domestic catch, 1972-86

Year	Quantity ¹			Ex-vessel value	Average price per lb.	Year	Quantity ¹			Ex-vessel value	Average price per lb.
	Total	For human food	For industrial products ²				Total	For human food	For industrial products ²		
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>		<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>
1972	4,806	2,435	2,371	748	15.6	1980 ³	6,482	3,654	2,828	2,237	34.5
1973	4,858	2,398	2,460	937	19.3	1981 ³	5,977	3,547	2,430	2,388	40.0
1974	4,967	2,496	2,471	932	18.7	1982 ³	6,367	3,265	3,082	2,390	37.5
1975	4,877	2,465	2,412	977	20.0	1983 ³	6,439	3,238	3,201	2,355	36.6
1976	5,388	2,775	2,613	1,349	25.0	1984 ³	6,438	3,320	3,118	2,350	36.5
1977	5,271	2,952	2,319	1,554	29.5	1985 ³	6,258	3,294	2,964	2,326	37.2
1978 ³	6,028	3,177	2,851	1,854	30.7	1986 ³	6,031	3,393	2,638	2,763	45.8
1979 ³	6,267	3,318	2,949	2,234	35.6						

¹ Live weight. ² Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food. ³ Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 704.—Fisheries: Disposition of domestic catch, 1976-86

Disposition	1976	1977	1978 ³	1979 ³	1980 ³	1981 ³	1982 ³	1983 ³	1984 ³	1985 ³	1986 ³
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Fresh and frozen	1,921	1,893	2,237	2,394	2,621	2,547	2,550	2,304	2,336	2,725	2,490
Canned	1,051	1,008	1,099	1,046	1,161	1,118	891	1,087	1,128	749	1,131
Cured	55	51	52	94	96	90	85	80	82	70	60
Reduced to meal, oil, etc.	2,361	2,319	2,640	2,735	2,604	2,222	2,841	2,968	2,692	2,714	2,350
Total	5,388	5,271	6,028	6,267	6,482	5,977	6,367	6,258	6,438	6,256	6,031

¹ Live weight catch. In addition to whole fish, a large portion of waste (400-500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. ² Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 705.—Fisheries—Landings and value of principal species: 1980-86 ¹

Species	Landings						
	1980 ^a	1981 ^a	1982 ^a	1983 ^a	1984 ^a	1985 ^a	1986 ^a
	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.
Fish:							
Cod, Atlantic.....	118	100	104	112	97	83	61
Flounder.....	217	201	228	254	220	196	169
Haddock.....	55	55	45	33	26	14	11
Halibut.....	19	27	33	45	45	61	78
Herring, sea.....	291	247	202	180	179	199	210
Jack mackerel.....	44	31	58	40	23	21	24
Menhaden.....	2,497	2,105	2,766	2,963	2,891	2,739	2,891
Ocean perch, Atlantic.....	24	19	19	13	12	10	6
Pollock.....	43	41	35	34	64	136	185
Salmon, Pacific.....	614	648	607	639	691	727	659
Tuna.....	399	341	261	279	212	83	88
Whiting.....	36	37	36	37	46	45	40
Shellfish:							
Clams (meats).....	95	121	106	115	133	151	145
Crabs.....	523	446	350	317	313	338	356
Lobsters, American.....	37	37	39	44	44	46	46
Oysters (meats).....	49	50	54	50	49	44	41
Scallops (meats).....	30	46	34	32	59	30	22
Shrimp.....	340	355	284	250	302	334	400

Species	Value						
	1980 ^a	1981 ^a	1982 ^a	1983 ^a	1984 ^a	1985 ^a	1986 ^a
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Fish:							
Cod, Atlantic.....	32	33	37	38	36	35	36
Flounder.....	82	86	102	116	124	129	125
Haddock.....	21	22	22	19	18	14	11
Halibut.....	17	21	29	41	25	36	43
Herring, sea.....	45	31	35	44	26	50	49
Jack mackerel.....	4	3	5	3	2	2	2
Menhaden.....	112	81	108	119	117	191	94
Ocean perch, Atlantic.....	6	5	5	3	4	3	3
Pollock.....	7	9	7	6	9	13	21
Salmon, Pacific.....	357	438	392	351	392	440	494
Tuna.....	233	206	146	143	118	53	55
Whiting.....	6	7	8	7	7	8	8
Shellfish:							
Clams (meats).....	90	107	97	96	116	128	135
Crabs.....	291	297	282	228	187	203	270
Lobsters, American.....	75	87	91	107	114	115	121
Oysters (meats).....	70	69	76	67	81	70	78
Scallops (meats).....	114	128	96	136	128	93	107
Shrimp.....	468	463	609	504	488	473	663

¹ Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish.

^a Preliminary.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 706.—Fresh and frozen fishery products—Production and value: 1980-86 ¹

Product	Production						
	1980	1981	1982	1983	1984	1985	1986 ^a
	MIL lb.	MIL lb.	MIL lb.	MIL lb.	MIL lb.	MIL lb.	MIL lb.
Fish filets and steaks ^a	202.1	205.1	217.6	220.6	252.3	245.5	260.2
Cod.....	31.3	43.3	41.5	51.3	60.6	57.1	62.7
Flounder.....	48.9	50.8	76.2	80.7	79.0	69.1	60.1
Haddock.....	17.2	17.8	13.5	11.7	8.5	7.5	7.9
Ocean perch, Atlantic.....	7.1	4.9	5.2	4.3	2.8	2.4	2.8
Whiting.....	.6	.2	.1	.1	(*)	(*)	(*)
Rockfish.....	14.2	16.4	17.8	17.3	18.4	18.1	16.6
Pollock, Atlantic.....	8.5	9.1	9.0	11.3	11.3	14.5	16.1
Other.....	74.3	62.6	54.3	58.9	62.7	76.8	94.0
Frozen fishery products.....	228.2	220.7	248.0	196.7	188.1	206.2	192.3

Product	Value						
	1980	1981	1982	1983	1984	1985	1986 ^a
	MIL dol.	MIL dol.	MIL dol.	MIL dol.	MIL dol.	MIL dol.	MIL dol.
Fish filets and steaks ^a	261.2	305.2	350.6	362.1	410.4	440.1	538.6
Cod.....	43.2	66.6	60.0	68.3	96.6	89.9	127.2
Flounder.....	87.4	96.0	146.5	137.6	158.9	157.2	166.9
Haddock.....	29.0	32.9	24.7	22.0	18.6	19.0	24.4
Ocean perch, Atlantic.....	9.3	7.0	7.3	6.7	3.2	3.3	6.4
Whiting.....	.5	.2	.1	.1	(*)	(*)	(*)
Rockfish.....	12.8	16.2	19.2	22.1	23.3	23.1	23.9
Pollock, Atlantic.....	8.5	9.7	10.3	11.6	11.4	16.7	20.2
Other.....	70.5	72.6	82.8	94.7	96.4	129.6	169.6
Frozen fishery products.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. ² Preliminary. ³ Fresh and frozen. ⁴ Included with other.
n.a. not available.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 707.—Canned fishery products—Production and value: 1978-86 ¹

Product	Production								
	1978	1979	1980	1981	1982	1983	1984	1985	1986 ^a
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Total ^a	1,598	1,439	1,516	1,476	1,283	1,391	1,411	1,161	1,330
Tuna	705	620	602	627	539	591	614	545	637
Salmon	149	149	200	215	112	181	200	169	142
Clam products	69	73	77	88	99	102	114	117	116
Jack mackerel ^a	32	26	38	36	30	46	31	16	18
Sardines, Maine	26	30	20	31	18	13	15	20	16
Shrimp	17	10	16	19	6	7	7	4	5
Crabs	5	5	5	2	1	1	1	1	1
Squid	8	4	4	9	8	n.a.	n.a.	4	n.a.
Oysters	1	(*)	(*)	(*)	1	1	(*)	2	3

Product	Value								
	1978	1979	1980	1981	1982	1983	1984	1985	1986 ^a
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Total ^a	1,884	1,743	1,928	1,954	1,457	1,534	1,578	1,360	1,494
Tuna	1,273	1,104	1,144	1,180	918	859	872	821	882
Salmon	221	258	376	380	174	306	322	228	265
Clam products	60	61	66	72	85	86	95	109	117
Jack mackerel ^a	10	8	12	12	15	17	13	7	7
Sardines, Maine	36	45	32	55	28	20	25	38	28
Shrimp	50	54	80	60	35	41	36	19	23
Crabs	19	15	19	7	6	6	5	2	2
Squid	2	1	1	3	3	n.a.	n.a.	1	n.a.
Oysters	1	1	(*)	1	2	2	5	2	4

¹ Natural pack only. ² Preliminary. ³ Includes other products not shown separately. ⁴ Includes small amount of Pacific mackerel. ⁵ Less than 500,000 pounds or \$500,000.
n.a. not available.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 708.—Fisheries—Fishermen and craft, 1977, and catch, 1981-86, by area

Area	1977 ¹			1981 ²		1982 ³	
	Fishermen	Fishing vessels	Fishing boats ⁴	Total catch	Value	Total catch	Value
	1,000	Number	1,000	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	182.1	17,545	89.2	5,977	2,388	6,367	2,390
New England States.....	31.7	929	15.4	697	356	687	374
Middle Atlantic States.....	17.3	573	11.3	228	95	129	93
Chesapeake Bay States.....	27.9	2,086	19.0	603	126	791	129
South Atlantic States.....	11.6	1,463	6.7	543	138	427	164
Gulf States.....	29.3	5,328	11.0	1,700	554	2,300	614
Pacific Coast States.....	54.0	7,643	15.4	2,070	1,064	1,872	964
Great Lakes States.....	1.2	217	.5	39	12	36	13
Hawaii.....	2.7	101	1.3	13	18	14	14
Other ⁵	11.3	—	9.9	85	25	109	34

Area	1983 ⁴		1984 ⁴		1985 ⁴		1986 ⁴	
	Total catch	Value	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	6,439	2,355	6,438	2,250	6,258	2,336	6,031	2,763
New England States.....	711	435	694	434	590	419	563	449
Middle Atlantic States.....	128	94	153	109	151	101	156	114
Chesapeake Bay States.....	841	130	663	138	815	124	617	131
South Atlantic States.....	397	173	402	150	311	156	249	155
Gulf States.....	2,443	615	2,644	656	2,412	597	2,368	781
Pacific Coast States.....	1,739	846	1,701	795	1,816	863	1,923	1,065
Great Lakes States.....	47	14	61	14	54	15	48	14
Hawaii.....	29	18	35	29	17	22	11	20
Other ⁵	108	30	85	25	92	29	96	34

¹ Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total.² Refers to craft having capacity of less than 5 net tons.³ Mississippi River and other areas.⁴ Preliminary.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

FISHERY PRODUCTS

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Table 709.—Fishery products—Supply: 1977-86¹

Item	1977	1978	1979 ²	1980 ²	1981 ²
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total	10,632	11,509	11,831	11,387	11,353
For human food	7,466	8,135	8,251	8,006	8,267
Finfish	5,641	6,283	6,324	6,139	6,316
Shellfish ³	1,825	1,872	1,927	1,867	1,951
For industrial use	3,186	3,374	3,580	3,351	3,086
Domestic catch	5,271	6,028	6,267	6,482	5,977
Percent of total	49.5	52.4	53.0	57.1	52.7
For human food	2,952	3,177	3,318	3,654	3,547
Finfish	1,839	2,018	2,204	2,516	2,414
Shellfish ³	1,119	1,159	1,114	1,138	1,133
For industrial use	2,319	2,851	2,949	2,828	2,430
Imports ⁴	5,381	5,481	5,564	4,875	5,376
Percent of total	50.5	47.6	47.0	42.9	47.3
For human food	4,514	4,958	4,933	4,352	4,720
Finfish	3,806	4,245	4,120	3,623	3,902
Shellfish ³	706	713	813	729	818
For industrial use ⁵	887	523	631	523	666

Item	1982 ²	1983 ²	1984 ²	1985 ²	1986 ²
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total	12,011	12,952	12,582	15,150	14,368
For human food	7,968	8,413	8,498	9,337	9,620
Finfish	6,090	6,358	6,303	6,991	7,087
Shellfish ³	1,878	2,055	2,195	2,346	2,533
For industrial use	4,043	3,939	4,064	5,813	4,748
Domestic catch	6,367	6,459	6,438	6,258	6,081
Percent of total	53.0	52.1	51.3	41.3	42.0
For human food	3,225	3,298	3,320	3,294	3,393
Finfish	2,324	2,351	2,348	2,273	2,240
Shellfish ³	961	887	972	1,021	1,153
For industrial use	3,082	3,201	3,118	2,964	2,638
Imports ⁴	5,644	5,913	6,114	8,892	8,337
Percent of total	47.0	47.9	48.7	58.7	58.0
For human food	4,683	5,175	5,178	6,043	6,227
Finfish	3,766	4,007	3,955	4,718	4,847
Shellfish ³	917	1,168	1,223	1,325	1,380
For industrial use ⁵	961	738	936	2,849	2,110

¹ Live weight, except percent. ² Preliminary. ³ For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell is reported. ⁴ Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. ⁵ Fish meal and sea herring. n.a. not available

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 710.—Processed fishery products production and value—Summary: 1980-86 ¹

Product	Production						
	1980	1981	1982	1983	1984	1985	1986
	Mil lb. ²	Mil lb. ²	Mil lb. ²	Mil lb. ²	Mil lb. ²	Mil lb. ²	Mil lb. ²
Total	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Packaged fresh and frozen	1,408	* 1,477	1,460	1,508	1,697	1,662	(³)
Fish not breaded:							
Fillets and steaks, raw	203	205	218	231	245	246	260
Dressed	40	52	78	97	102	132	(³)
Other ⁴	48	36	48	50	64	(³)	(³)
Fish breaded, raw or cooked:							
Sticks	88	89	91	87	92	96	73
Fillets, portions, and steaks	326	331	302	334	333	330	365
Shellfish: Not breaded	497	524	435	416	489	(³)	(³)
Breaded, raw and cooked	113	119	129	126	116	(³)	(³)
Specialties, fish and shellfish	88	121	166	163	368	(³)	(³)
Canned products	1,516	1,476	1,283	1,291	1,411	1,161	1,230
Fish and shellfish	1,010	1,086	876	967	1,042	913	1,009
Animal food ⁵	506	409	407	404	369	243	221
Cured fish	66	66	61	82	60	58	(³)
Salted (incl. spiced, pickled) ⁶	43	40	35	53	37	32	(³)
Smoked	22	25	24	26	22	25	(³)
Dried (cod) lutefish	1	1	2	3	2	1	(³)
Industrial products	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Meal and scrap (mil. tons)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Oil (body and liver)	313	184	348	399	373	235	337
Fish solubles (mil. tons)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Other	(³)	(³)	(³)	(³)	(³)	(³)	(³)

Product	Value						
	1980	1981	1982	1983	1984	1985	1986
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Total	4,942	5,339	4,945	5,071	5,211	4,986	(³)
Packaged fresh and frozen	2,567	2,951	3,109	3,125	3,233	3,242	(³)
Fish not breaded:							
Fillets and steaks, raw	262	306	351	302	396	440	539
Dressed	58	73	106	150	178	239	(³)
Other ⁴	37	23	34	42	46	(³)	(³)
Fish breaded, raw or cooked:							
Sticks	89	97	106	116	110	111	86
Fillets, portions, and steaks	368	396	387	410	414	388	412
Shellfish: Not breaded	1,302	1,524	1,387	1,401	1,438	(³)	(³)
Breaded, raw and cooked	321	362	421	457	414	(³)	(³)
Specialties, fish and shellfish	130	170	317	187	231	(³)	(³)
Canned products	1,928	1,954	1,457	1,534	1,578	1,380	1,434
Fish and shellfish	1,762	1,819	1,825	1,393	1,438	1,269	1,394
Animal food ⁵	146	135	132	141	140	91	100
Cured fish	175	221	144	159	165	149	153
Salted (incl. spiced, pickled) ⁶	85	128	73	88	66	60	(³)
Smoked	86	92	68	68	95	86	(³)
Dried (cod) lutefish	4	1	3	3	4	3	(³)
Industrial products	272	213	235	253	234	182	175
Meal and scrap (mil. tons)	134	119	123	130	113	84	83
Oil (body and liver)	58	33	54	67	61	42	44
Fish solubles (mil. tons)	14	15	16	16	15	19	12
Other	66	46	42	40	45	37	36

¹ Includes U.S. possessions.² Except as indicated.³ Not applicable.⁴ Includes bait and unbreaded portions.⁵ Includes salmon eggs for bait.⁶ Includes sun-dried and freeze-dried.⁷ Less than 500,000 tons.⁸ Not available.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

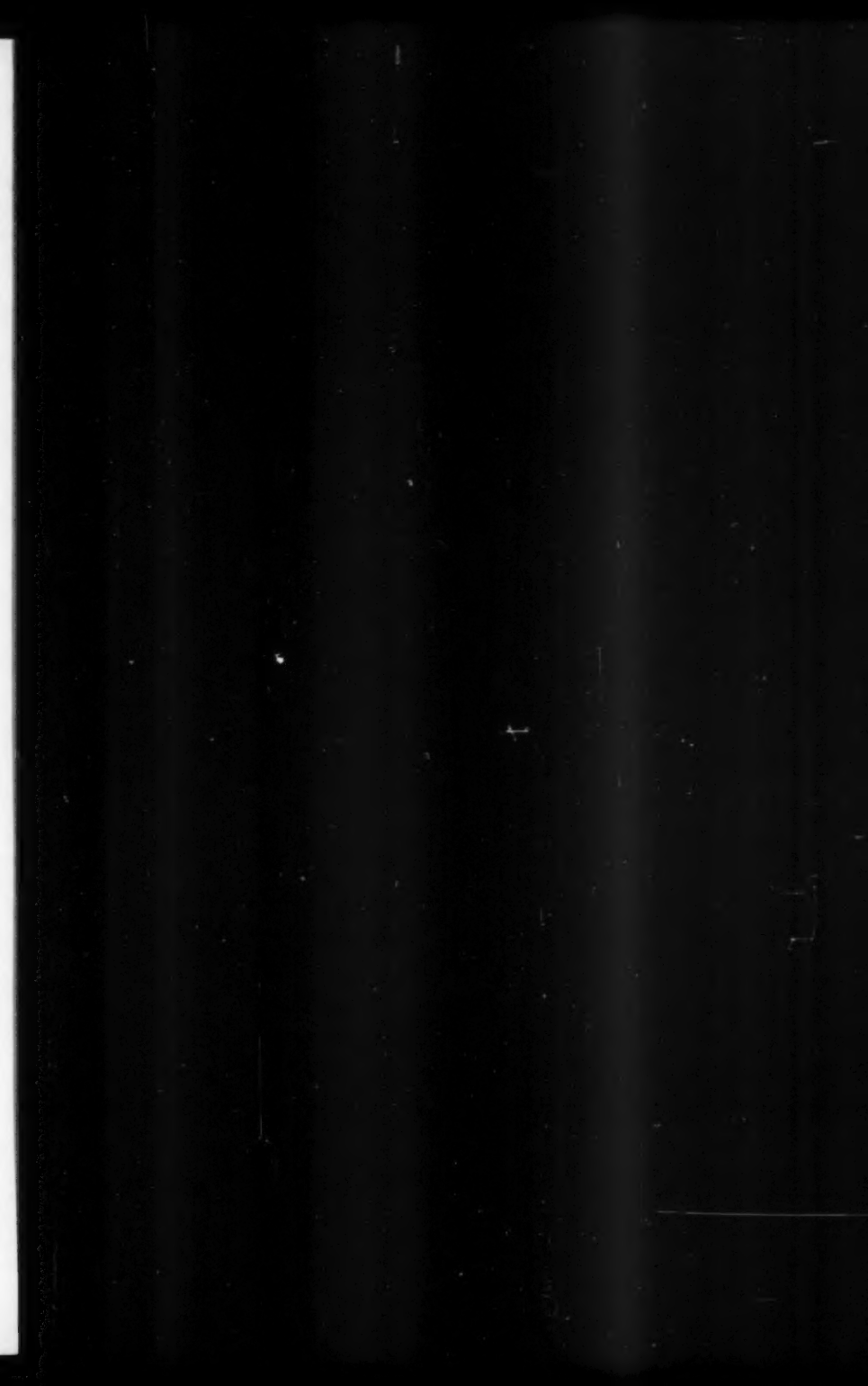


Table 711.—Selected fishery p

Product	1979	1980	1981	1982
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Imports	2,358.9	2,144.9	2,272.5	2,221.1
Edible	2,089.7	1,866.0	1,988.5	1,901.1
Fresh or frozen				
Whitefish ¹	7.6	8.2	7.5	7.5
Halibut ²	4.1	6.3	6.3	6.3
Salmon ³	5.9	5.5	6.5	6.5
Sea herring	40.1	22.0	14.3	14.3
Smelt	12.6	11.3	12.6	12.6
Tuna	753.6	722.7	721.3	561.1
Groundfish filets,				
blocks ³	661.1	527.1	601.3	611.1
Other filets and steaks	174.6	148.2	157.0	141.1
Scallops (meats)	25.2	20.9	26.2	26.2
Lobster, American and spiny	60.7	60.5	55.8	55.8
Shrimp and prawn	220.2	215.1	218.4	218.4
Canned	208.3	212.0	161.6	218.4
Anchovise, in oil	3.6	4.5	4.3	4.3
Salmon	.4	.2	.1	.1
Sardines, in oil	22.9	18.2	18.2	18.2
Sardines and herring, not in oil	34.0	38.5	43.2	43.2
Tuna	53.7	63.6	70.9	70.9
Bonito and yellowtail	.4	.8	.9	.9
Crab meat	5.1	5.0	5.0	5.0
Oysters	19.1	17.0	20.4	20.4
Lobster, American and spiny	1.9	2.2	3.1	3.1
Pickled or salted	59.8	53.3	67.9	67.9
Cod, haddock, hake, pollock, cusk	39.7	33.0	45.3	45.3
Herring	17.2	16.7	20.1	20.1
Nonedible scrap and meal	179.2	99.0	118.9	118.9
Exports	50.7	74.0	63.5	63.5
Canned salmon	1.6	1.8	1.7	1.7
Canned sardines	196.5	284.0	238.3	238.3
Fish oil, nonedible				

¹ Includes Puerto Rico. ² Excludes filets. ³ Includes cod, cusk, haddock, hake, U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration

fishery products—Imports and exports: 1979-86¹

Quantity						Value							
1981	1982	1983	1984	1985	1986	1979	1980	1981	1982	1983	1984	1985	1986
Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
2.5	2,225.0	2,386.8	2,454.3	2,754.0	2,978.9	2,671.9	2,686.7	3,084.2	2,202.4	3,636.7	3,742.3	4,064.3	4,813.5
8.5	1,921.3	2,051.5	2,087.1	2,229.0	2,423.7	2,347.0	2,319.7	2,640.2	2,806.2	3,211.9	3,281.3	3,461.6	4,150.0
7.5	8.3	9.7	8.5	7.5	8.0	7.4	8.0	7.2	7.4	7.4	8.5	7.2	8.2
6.3	6.7	6.1	8.1	12.8	11.3	7.4	9.3	10.1	10.4	11.2	13.7	22.1	25.2
6.5	10.4	14.4	21.1	27.0	40.5	11.4	13.9	15.9	22.1	33.4	56.5	75.6	100.7
4.3	28.8	27.7	24.4	44.3	35.1	1.9	3.6	3.0	5.1	4.9	2.9	5.1	4.1
2.6	14.4	11.9	8.9	7.7	8.6	6.0	4.8	6.5	7.5	6.7	4.6	4.4	5.9
1.3	558.5	505.2	404.2	478.8	563.8	321.6	429.3	478.6	369.7	240.0	215.9	266.3	298.8
1.3	614.2	682.6	624.0	639.8	651.0	622.3	545.8	605.2	629.0	708.0	631.1	655.2	790.6
7.0	145.7	141.5	165.7	231.0	251.0	185.4	158.4	194.2	189.0	185.0	228.3	393.7	416.1
6.2	20.9	34.3	27.3	42.0	47.9	84.9	82.0	112.7	73.0	158.7	117.3	147.1	192.6
5.5	54.4	68.8	73.4	71.4	79.3	296.5	270.6	306.7	315.6	364.0	435.7	464.9	464.9
8.4	268.5	328.3	328.9	342.8	384.3	705.0	711.2	715.0	970.0	1,198.0	1,189.9	1,120.7	1,404.9
1.6	224.5	257.6	316.4	414.4	438.8	251.3	297.0	307.9	306.7	330.4	372.9	465.8	500.4
4.3	4.2	3.8	4.9	5.0	5.6	7.4	13.2	13.5	11.0	8.1	10.9	11.3	16.5
.1	.2	.3	.06	1.9	4.6	.8	.4	.1	.6	1.5	.1	6.9	13.2
8.2	14.1	17.2	17.5	25.0	22.9	27.7	24.2	25.1	19.1	21.2	23.4	27.0	28.5
3.2	41.3	23.7	51.5	39.8	36.0	25.8	28.4	35.8	30.5	21.5	24.8	30.3	30.4
0.8	87.6	122.3	162.3	218.9	236.6	65.1	97.2	110.4	113.3	137.3	167.3	309.1	238.6
.9	.5	.2	.2	.1	.2	.3	.6	.8	.4	.3	.1	.1	.2
5.0	5.7	6.5	6.2	7.6	8.8	12.3	12.5	13.2	16.3	20.6	20.0	21.9	24.0
30.4	22.4	21.6	23.0	28.9	32.1	18.3	20.3	24.0	26.5	24.8	26.2	30.2	32.3
.0.1	3.4	1.2	.4	.9	.4	11.7	12.8	20.4	26.1	8.6	2.1	6.4	3.2
37.9	64.3	60.9	61.1	57.1	61.4	55.6	50.4	71.0	62.5	56.1	55.5	53.4	62.2
35.3	40.8	37.7	38.0	34.7	36.9	43.2	36.0	56.2	48.6	42.9	42.3	41.2	49.5
30.1	21.2	20.3	20.2	19.7	21.8	9.4	10.4	11.5	10.6	9.8	9.9	3.8	9.3
18.9	188.7	135.9	166.9	510.7	370.0	29.6	15.5	30.5	25.7	21.8	26.5	61.7	47.2
33.5	41.2	54.5	49.0	48.2	59.4	91.9	150.0	128.6	65.9	97.0	86.8	83.1	101.2
1.7	1.0	1.0	.9	.5	.3	1.2	1.4	1.7	.9	.7	.6	.4	.3
38.3	202.3	404.1	299.4	279.1	192.2	39.6	52.4	42.6	35.7	59.8	71.0	36.8	20.8

cod, hake, pollock, Atlantic ocean perch, and whiting.
 1. U.S. Department of Commerce, National Marine Fisheries Service, Fishery Statistics Division.

Table 712.—Fishery products: Imports and Exports, 1973-86 ¹

Year	Imports ²				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
1973.....	1,583	2,416	1,398	185	299	239	242	87
1974.....	1,711	2,267	1,495	215	262	178	195	67
1975.....	1,637	1,913	1,367	270	305	218	267	37
1976.....	2,328	2,228	1,914	414	385	241	330	55
1977.....	2,634	2,176	2,078	555	520	331	473	47
1978.....	3,086	2,411	2,256	830	906	448	832	74
1979.....	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980.....	3,648	2,145	2,687	962	1,006	574	904	102
1981.....	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982.....	4,523	2,225	3,202	1,321	1,059	657	999	66
1983.....	5,129	2,387	3,627	1,502	1,021	602	908	114
1984.....	5,883	2,454	3,742	2,141	949	574	842	106
1985.....	6,679	2,754	4,064	2,614	1,084	648	1,010	73
1986 ³	7,626	2,979	4,813	2,813	1,356	735	1,290	66

¹ Includes Puerto Rico.² Includes landings of tuna by foreign vessels in American Samoa.³ Preliminary.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 713.—Estimated number of fishing trips taken by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1983-86

Subregion	1983	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
North Atlantic.....	9,385	6,639	8,701	8,333
Mid-Atlantic.....	23,012	21,090	17,816	20,561
South Atlantic.....	15,928	17,840	19,840	14,783
Gulf.....	20,500	16,397	24,227	17,897
Total ¹	68,825	61,967	70,584	61,574
Pacific: ²				
Southern California.....	5,137	5,575	5,276	6,119
Northern California.....	2,998	2,717	2,528	2,757
Oregon.....	911	595	765	960
Washington.....	1,779	1,250	1,354	1,193
Total ¹	10,825	10,137	9,923	11,029
Grand total ¹	79,650	72,104	80,507	72,603

¹ Totals may not add due to rounding.² Pacific estimates do not include salmon fishing trips.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 714.—Estimated number of fish caught by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1983-86

Subregion	1983	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
North Atlantic.....	43,833	81,090	45,662	56,654
Mid-Atlantic.....	149,347	137,338	113,896	163,670
South Atlantic.....	69,418	77,955	79,523	59,047
Gulf.....	135,134	109,745	142,695	131,865
Total ¹	397,732	356,128	381,778	411,235
Pacific: ²				
Southern California.....	25,154	26,577	27,605	35,234
Northern California.....	11,579	15,380	16,496	11,227
Oregon.....	1,839	1,252	1,863	1,754
Washington.....	5,960	2,750	3,195	6,598
Total ¹	44,522	46,839	43,179	55,812
Grand total ¹	442,254	402,967	424,957	466,547

¹ Totals may not add due to rounding. ² Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 715.—Estimated number of fish caught by marine recreational fishermen by mode and year, Atlantic, Gulf, and Pacific Coasts, 1983-86

Mode	1983	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
Shore.....	127,369	81,110	94,339	100,280
Party/charter.....	63,815	55,622	54,421	54,886
Private/rental.....	206,548	219,396	233,018	256,069
Total ¹	397,732	356,128	381,778	411,235
Pacific: ²				
Shore.....	12,226	15,584	10,366	14,983
Party/charter.....	16,153	12,340	14,195	16,407
Private/rental.....	16,142	18,915	18,718	23,922
Total ¹	44,522	46,839	43,179	55,812
Grand total ¹	442,254	402,967	424,957	466,547

¹ Totals may not add due to rounding. ² Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 716.—Estimated number of fish caught by marine recreational fishermen by area of fishing and year, Atlantic, Gulf, and Pacific coasts, 1983-86

Mode	1983	1984	1985	1986
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
Ocean 3 miles or less	150,430	147,285	157,251	166,396
Ocean over 3 miles	75,823	70,783	73,583	63,759
Inland	135,306	115,369	150,474	167,991
Undefined ¹	36,172	22,691	470	13,090
Total ²	397,732	356,128	381,778	411,235
Pacific: ³				
Ocean 3 miles or less	24,313	30,900	26,100	30,967
Ocean over 3 miles	7,102	6,395	7,936	10,156
Inland	11,464	8,752	8,451	13,656
Undefined ¹	1,643	791	691	533
Total ²	44,522	46,839	43,179	55,312
Grand total ²	442,254	402,967	424,957	466,547

¹ This category includes "Missing data" on area and local variation in marine geographic terminology which sometimes prevented interviewers from determining acceptable answers to questions on "Distance from shore."

² Totals may not add due to rounding. ³ Pacific estimates do not include salmon data collected by State recreational fishing surveys.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 717.—Estimated number of fish caught by marine recreational fishermen by species group and year, Atlantic and Gulf coasts, 1983-86

Species group	1983	1984	1985	1986
	Thousands	Thousands	Thousands	Thousands
Sharks, other	5,641	2,786	1,774	2,322
Sharks, dogfish	323	89	2,469	2,172
Skates/rays	1,609	1,698	2,516	1,639
Eels	445	615	904	410
Herrings	11,456	7,496	18,870	11,002
Freshwater catfishes	1,282	253	464	1,727
Saltwater catfishes	23,471	15,831	23,996	18,368
Toadfishes	2,962	2,628	3,680	3,464
Atlantic cod	3,754	2,566	3,974	1,549
Atlantic tomcod	71	(¹)	150	355
Pollock	1,814	642	2,155	446
Silver hake	(¹)	(¹)	112	168
Seabroins	10,058	6,752	4,281	11,868
Sculpins	699	646	597	825
White perch	1,393	2,432	1,177	4,125
Striped bass	973	634	698	1,429
Black sea bass	14,488	15,026	20,084	34,739
Groupers	2,581	3,068	3,339	2,383
Sea basses, other	2,914	3,123	4,876	1,800
Bluefish	44,165	30,284	28,010	32,667
Jack crevalle	1,965	1,695	1,197	3,528
Blue runner	3,422	1,539	1,945	3,356
Greater amberjack	828	294	295	442
Florida pompano	393	566	880	2,099
Jacks, other	2,961	2,288	1,808	2,710
Dolphins	1,300	1,215	1,432	1,254
Gray snapper	3,393	3,523	2,740	2,090
Red snapper	4,227	2,282	3,239	855
Lane snapper	515	1,089	467	218
Vermilion snapper	762	2,285	1,428	359
Yellowtail snapper	1,260	2,353	838	580
Snappers, other	522	1,428	594	334
Pigfish	2,386	1,781	2,770	1,453
White grunt	3,546	5,554	4,530	1,690
Grunts, other	4,664	10,819	6,658	3,320
Scup	11,428	9,530	15,447	32,361
Pinfish	13,594	10,815	11,887	9,882
Sheepshead	3,828	3,302	2,828	2,722
Red porgy	241	1,505	1,349	389
Porgies, other	2,429	1,386	717	225
Spotted seatrout	15,615	10,668	16,728	28,592
Weakfish	6,462	4,542	3,486	12,322
Sand seatrout	4,973	6,339	9,509	6,494
Silver perch	1,233	742	1,924	465
Spot	31,820	17,027	25,243	21,640
Kingfishes	3,542	5,025	6,079	5,029
Atlantic croaker	23,008	26,606	23,686	33,969
Black drum	1,709	1,116	1,262	1,567
Red drum	5,355	4,949	5,404	4,123
Drums, other	2,293	2,766	2,872	1,554
Mulletts	6,206	7,761	11,783	6,341
Barracudas	525	376	396	477
Tautog	3,888	3,769	4,148	9,186
Cunner	5,241	4,768	3,185	2,708
Little tunny/Atl. bonito	1,070	891	844	1,706
Atlantic mackerel	4,632	3,403	8,300	5,879
King mackerel	1,209	1,373	1,183	753
Spanish mackerel	2,964	2,142	2,163	3,987
Tunas/mackerels, other	1,151	1,178	1,013	927
Summer flounder	40,494	43,433	18,202	24,183
Gulf flounder	401	802	512	502
Southern flounder	2,228	935	2,558	3,021
Winter flounder	18,070	22,018	31,059	10,428
Flounders, other	4,569	5,246	3,591	2,422
Triggerfishes/filefishes	1,013	575	648	452
Puffers	1,076	452	1,009	1,000
Other fishes	13,946	11,789	13,437	16,199
Total ²	397,732	356,128	381,778	411,235

¹ Less than 30 thousand reported. Data have been included in totals.² Totals may not add due to rounding.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 718.—Estimated number of fish caught by marine recreational fishermen by species group and year, Pacific coast,¹ 1983–86

Species group	1983	1984	1985	1986
	Thousands	Thousands	Thousands	Thousands
Spiny dogfish.....	458	390	385	577
Sbarks, other.....	259	292	340	908
Sturgeons.....	147	72	36	92
Pacific herring.....	737	515	239	482
Northern anchovy.....	(*)	772	45	40
Surf smelt.....	2,544	6,191	1,997	5,345
Smelts, other.....	766	106	(*)	578
Pacific cod.....	221	202	75	136
Pacific tomcod.....	51	(*)	58	68
Walleye pollock.....	780	442	472	158
Pacific hake.....	92	113	154	104
Silversides.....	146	153	319	239
Jacksmelt.....	498	573	456	256
Striped bass.....	153	87	72	75
Kelp bass.....	2,946	3,039	2,556	4,502
Spotted sand bass.....	247	314	335	604
Barred sand bass.....	1,125	1,026	1,719	2,270
Sea basses, other.....	709	734	964	1,141
Yellowtail.....	496	230	46	(*)
White croaker.....	1,915	2,180	2,368	2,855
California corbina.....	69	54	49	60
Queenfish.....	152	368	471	551
Croakers, other.....	208	270	282	312
Opalets.....	124	213	106	113
Halfmoon.....	50	98	54	291
Shiner perch.....	322	293	223	386
Striped seaperch.....	323	239	184	200
Black perch.....	75	111	91	87
Walleye surfperch.....	325	294	205	261
Silver surfperch.....	106	122	270	150
White seaperch.....	92	55	78	94
Pile perch.....	203	159	137	432
Redtail surfperch.....	598	586	433	224
Barred surfperch.....	724	542	468	716
Surfperches, other.....	642	547	478	771
Pacific barracuda.....	904	1,490	1,796	1,169
California sheephead.....	182	139	129	204
Pacific bonito.....	1,881	1,991	609	3,970
CHuB mackerel.....	8,389	7,510	6,605	7,165
Tunas.....	186	255	131	67
Brown rockfish.....	259	438	421	392
Copper rockfish.....	300	308	405	337
Widow rockfish.....	94	200	143	165
Yellowtail rockfish.....	629	578	950	534
Chillipepper rockfish.....	217	233	481	552
Quillback rockfish.....	126	68	117	95
Black rockfish.....	1,328	1,297	1,572	902
Blue rockfish.....	1,881	1,792	1,403	945
Bocaccio.....	369	532	804	868
Canary rockfish.....	185	214	370	426
Green-spotted rockfish.....	226	339	449	327
Olive rockfish.....	426	358	358	263
Gopher rockfish.....	226	404	484	517
California scorpionfish.....	174	203	227	307
Rockfishes, other.....	3,200	3,230	3,414	3,596
Sablefish.....	(*)	56	48	52
Kelp greenling.....	279	210	226	281
Lingcod.....	363	320	426	536
Greenlings, other.....	68	40	70	117
Cabsons.....	129	127	133	231
Sculpins, other.....	1,423	1,101	1,706	1,964
Sanddabs.....	599	400	723	505
California halibut.....	340	498	916	1,349
Rock sole.....	82	60	66	62
Starry flounder.....	166	74	43	59
Flatfishes, other.....	232	174	254	251
Other fishes.....	1,408	1,201	1,514	1,880
Total ²	44,522	46,839	43,179	55,312

¹ Does not include salmon data collected by State surveys. ² Less than 30 thousand reported. Data have been included in totals. ³ Total may not add due to rounding.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics Division.

Table 719.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1955-85 ¹

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types ²
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1955.....	496,590	245,850	68,568	811,017
1957.....	545,061	294,174	62,162	901,397
1959.....	569,199	325,313	50,872	945,384
1961.....	595,463	379,355	51,985	1,026,803
1963.....	633,447	428,250	50,372	1,112,069
1965.....	663,972	473,515	45,903	1,203,390
1967.....	734,504	517,468	41,833	1,294,105
1969.....	762,203	554,611	35,982	1,352,746
1971.....	774,265	624,442	28,272	1,426,979
1973.....	828,691	686,477	(³)	1,515,168
1975.....	875,292	754,772		1,630,064
1977.....	893,589	784,943		1,678,532
1979.....	940,005	912,460		1,852,464
1981.....	985,093	941,861		1,924,978
1983.....	1,047,171	1,019,469		2,066,640
1985.....	1,129,777	1,055,900		2,185,677

¹ Warehouse space is defined as all space artificially cooled to temperatures of 50 °F. or less, in which food commodities are held for 30 days or longer.

² Totals may not add due to rounding.

³ Included in "Private and semiprivate cold storage," beginning 1973.

National Agricultural Statistics Service.

Table 720.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1985 ¹

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
AL.....	8,865	IN.....	22,054	NE.....	23,420	SD.....	4,236
AK.....		IA.....	46,072	NV.....	1,460	TN.....	30,166
AZ.....	8,371	KS.....	40,342	NH.....	4,528	TX.....	87,287
AR.....	14,151	KY.....	9,077	NJ.....	52,915	UT.....	21,521
CA.....	262,292	LA.....	7,086	NM.....	1,501	VT.....	2,754
CO.....	11,188	ME.....	20,740	NY.....	90,404	VA.....	50,726
CT.....	6,142	MD and DC.....	17,688	NC.....	15,279	WA.....	387,701
DE.....	14,104	MA.....	48,453	OH.....	38,902	WV.....	10,153
FL.....	163,526	MI.....	81,656	OK.....	7,196	WI.....	96,405
GA.....	61,308	MN.....	41,879	OR.....	123,378	Other States.....	10,277
HI.....	2,945	MS.....	2,246	PA.....	69,818		
ID.....	40,859	MO.....	62,905	RI.....	1,864	US.....	2,185,677
IL.....	60,449	MT.....		SC.....	10,782		

¹ Only those States having 3 or more warehouses are listed separately.

² Totals may not add due to rounding.

National Agricultural Statistics Service.

Table 721.—Alaska crops: Acreage harvested, 1972-86

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1972	500	2,800	2,400	8,500	1,900	1,900	550	170
1973	600	3,100	2,200	9,400	1,200	1,700	500	165
1974	400	1,100	3,200	9,400	1,100	1,700	870	155
1975	400	1,500	3,600	10,800	1,000	1,800	530	165
1976	300	1,300	3,300	10,400	1,000	1,500	510	175
1977	400	2,500	2,100	10,200	1,000	1,400	520	162
1978	600	4,000	2,300	9,900	900	1,500	450	195
1979	300	5,500	1,000	9,800	700	1,700	460	220
1980	600	11,500	2,400	10,400	1,900	1,700	460	227
1981	500	8,500	3,200	11,200	1,400	1,600	500	273
1982	600	7,500	2,200	10,900	700	1,100	490	306
1983	600	11,900	2,900	12,900	1,000	1,000	520	287
1984	1,700	15,000	3,000	12,600	4,600	1,200	550	301
1985	200	10,700	1,500	12,200	6,300	1,000	580	303
1986 ²	300	7,000	1,600	12,800	5,300	1,900	550	278

¹ Excludes greenhouse-grown vegetables.² Preliminary.

National Agricultural Statistics Service.

Table 722.—Alaska crops: Volume harvested, 1972-86

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Bushels</i>	<i>Bushels</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1972	15,000	51,800	3,000	11,500	10,700	8,600	99,000	14,000
1973	25,200	100,800	2,600	12,200	6,400	6,400	102,500	13,700
1974	10,000	38,000	4,000	11,800	5,900	6,600	90,500	16,000
1975	16,800	70,000	7,100	14,300	4,800	10,400	108,700	16,300
1976	12,000	67,000	6,100	12,500	4,500	6,700	91,000	18,900
1977	19,600	126,000	3,500	17,100	3,900	7,700	115,000	19,300
1978	28,800	150,000	4,700	15,700	5,300	6,800	81,000	19,900
1979	15,600	287,000	1,600	14,200	4,200	8,200	85,000	22,700
1980	26,100	339,000	2,700	12,300	4,700	7,700	77,000	23,200
1981	21,700	251,000	5,500	14,700	6,100	6,700	95,000	23,480
1982	31,200	315,000	2,500	11,800	4,700	5,300	102,000	29,857
1983	37,500	369,000	4,600	17,100	5,800	3,000	118,000	30,467
1984	112,200	525,000	4,400	19,000	14,700	6,600	120,000	31,923
1985	7,000	278,000	1,700	15,600	25,200	5,000	124,000	31,337
1986 ²	13,200	207,000	1,800	15,200	18,500	7,600	129,000	31,436

¹ Excludes greenhouse-grown vegetables.² Preliminary.

National Agricultural Statistics Service.

Table 723.—Alaska crops: Value of production, 1972-86

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables ¹
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1972	21,000	101,000	1,180,000	367,000	941,000	291,000
1973	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975	44,000	227,000	2,782,000	532,000	1,204,000	390,000
1976	30,000	261,000	2,825,000	391,000	1,092,000	447,000
1977	51,000	479,000	2,781,000	433,000	1,323,000	439,000
1978	79,000	570,000	2,652,000	457,000	932,000	539,000
1979	41,000	861,000	2,054,000	477,000	1,046,000	571,000
1980	81,000	1,017,000	2,100,000	484,000	1,563,000	616,000
1981	65,000	1,029,000	3,232,000	499,000	1,996,000	678,000
1982	156,000	1,134,000	2,717,000	428,000	1,632,000	779,000
1983	113,000	1,213,000	3,906,000	630,000	2,053,000	834,000
1984	264,000	1,401,000	3,744,000	942,000	2,256,000	812,000
1985	16,500	806,000	2,682,000	1,273,000	1,959,000	766,000
1986 ²	31,000	518,000	2,890,000	1,104,000	2,051,000	819,000

¹ Excludes greenhouse-grown vegetables.
National Agricultural Statistics Service.

² Preliminary.

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